

SUMMARY OF OPERATIONS

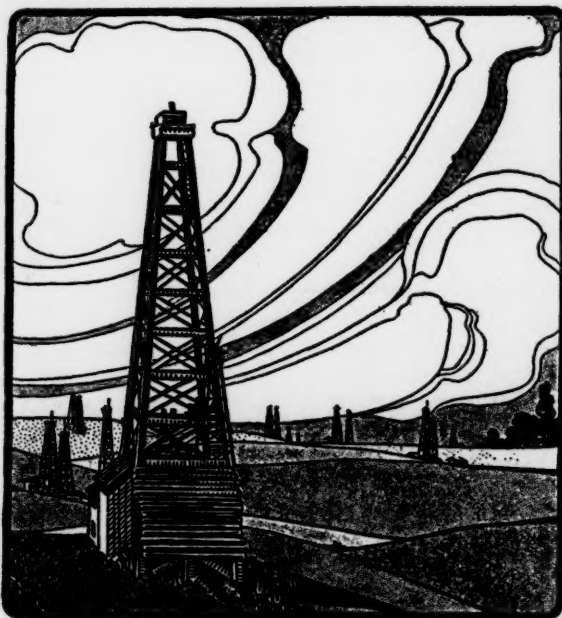
# CALIFORNIA OIL FIELDS

THIRTY-SIXTH ANNUAL REPORT  
OF THE  
STATE OIL AND GAS SUPERVISOR  
ISSUED BY  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS

Vol. 36

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No. 2



## CONTENTS

	Page
Jacalitos Oil Field.....	5
Lawndale Oil Field and Alondra Area.....	11
The Tip Top Area of the Ojai Field.....	19
Resume of Oil Field Operations in 1950.....	21
Production Statistics of California Oil Fields, July 1 to December 31, 1950.....	23
Wildcat Wells Abandoned in 1950.....	74
Proved Acreage by Counties, December 31, 1950.....	82
Directory of California Oil Operators.....	96
Index to Annual Reports.....	145
Oil and Gas Field Maps.....	169

**STATE OF CALIFORNIA**  
**EARL WARREN, GOVERNOR**  
**DEPARTMENT OF NATURAL RESOURCES**  
**WARREN T. HANNUM, DIRECTOR**  
**DIVISION OF OIL AND GAS**

**R. D. BUSH**  
State Oil and Gas Supervisor  
FERRY BUILDING  
San Francisco 11, California

**Deputies to the State Oil and Gas Supervisor**

**H. V. DODD**, Chief Deputy, Ferry Building, San Francisco 11  
**E. H. MUSSER**, 1015 West Olympic Boulevard, Los Angeles 15  
**E. J. KAPLOW**, Santa Paula  
**S. G. DOLMAN**, Santa Maria  
**R. W. WALLING**, Taft and Bakersfield  
**G. G. PEIRCE**, Coalinga

## PREFACE

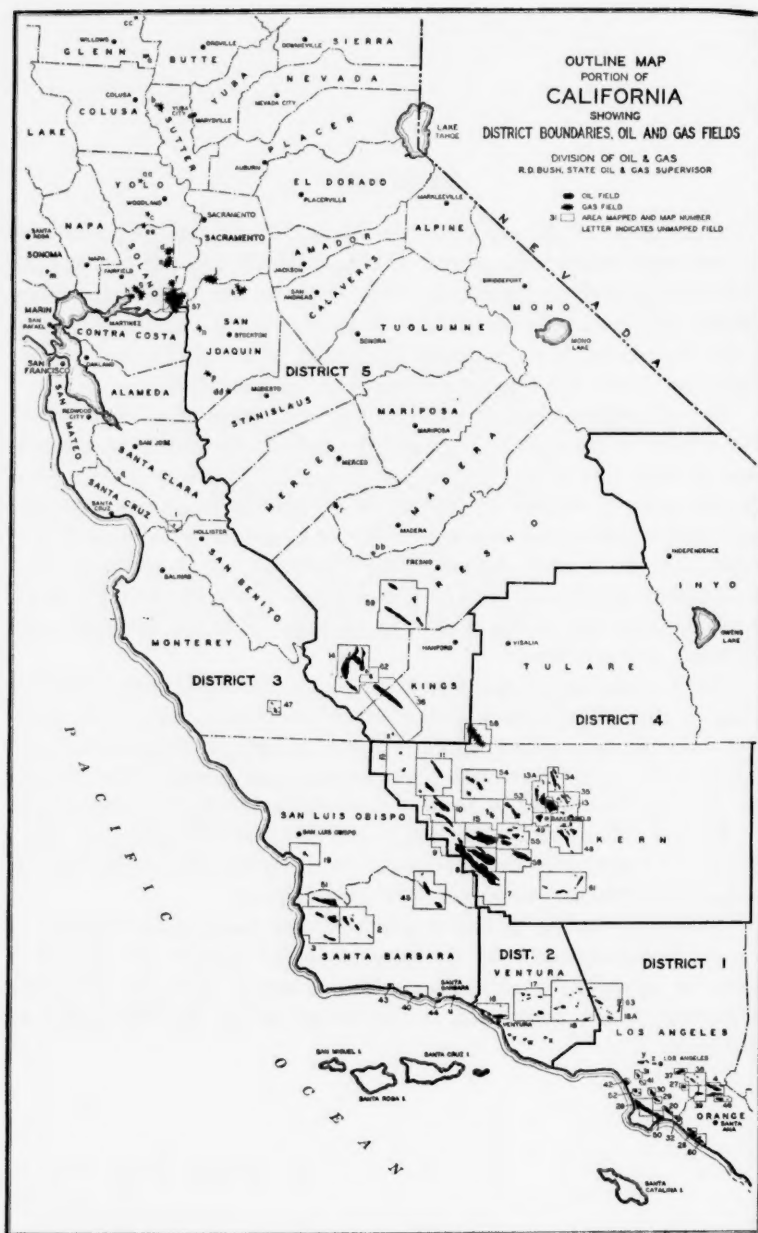
Publication of the report of the State Oil and Gas Supervisor in monthly installments commenced with April, 1919. The report was published in quarterly installments July, 1929, to June, 1939, inclusive. Volumes 25, 26 and 27 (July, 1939-December, 1941) were published as annual reports in single volumes. Beginning with Vol. 28, No. 1 (January-June, 1942) the reports are published semiannually.

Special articles dealing with the various phases of oil field operations appear in the report. These articles present the results of observations of engineers of the Division of Oil and Gas. Short articles of a suitable nature, written by operators or outside engineers, are also accepted for publication. A complete list of all special articles published to date is given in each number of the "Summary of Operations," and an alphabetical index of these articles is given in No. 12 (June) of Vols. 11 to 14, inclusive, in No. 4 of each of Vols. 15 to 24, inclusive, and thereafter in each issue.

The Division of Oil and Gas aims to serve the oil operators of California by furnishing them with the best information obtainable by statewide scientific observation. The purpose is to have all wells drilled and maintained in accordance with the most approved methods. The desired end can only be attained by careful study and attention to many details.

Branch Offices of the Division, maintained in the various oil fields, afford the oil operators an opportunity promptly and informally to avail themselves of the service which is at their disposal.

Errors appearing in this publication will be corrected as soon as brought to the attention of the Supervisor. All readers are invited to assist the Division by calling attention to errors and also by giving suggestions which might add to the usefulness of the "Summary of Operations."





# INDEX FOR OIL AND GAS FIELDS SHOWN ON OPPOSITE PAGE

Map No.	Field	Locality	Map No.	Field	Locality
18A	Afton (gas)	a	37	Montebello	
35	Aliso Canyon			Moody Gulch	q
11	Ant Hill		45	Morales	
19	Antelope Hills		48	Mountain View	
18	Arroyo Grande		34	Mt. Poso	
11	Bardsdale		18A	Newhall	
10	N. Belridge		18A	Newhall-Potrero	
12	S. Belridge		60	Newport	
	Beverly Hills	y	60	W. Newport	
4	Blackwells Corner	t	11	North Belridge	
8	Bowerbank (gas)		9	North Midway	
54	Brea-Olinda		36	North Dome, Kettleman	
	Buena Vista Hills		18A	Oak Canyon	
	Buñonwillow (gas)		17	Ojai-Santa Paula	
	Cache Slough (gas)	f	3	Orcutt	
55	Canal			Ord Bend (gas)	cc
55	Canfield Ranch			Oxnard	w
43	Capitan		56	Paloma	
3	Casmalia			Petaluma	m
2	Cat Canyon		18	Piru	
	Chowchilla (gas)	r	63	Placerita	
14	Coalinga		42	Playa del Rey	
55	Coles Levee		14	Pleasant Valley	
	Conejo	x	13A	Poso Creek	
4	E. Coyote		41	Potrero	
39	W. Coyote			Pyramid Hills	s
45	Cuyama		59	Raisin City	
10	Cymric		18	Ramona	
9	Cymric, Portion of		46	Richfield	
18A	Del Valle		16	Rincon	
12	Devils Den		53	Rio Bravo	
29	Dominguez		57	Rio Vista (gas)	
	Dunnigan Hills (gas)	aa	59	Riverdale	
14	East Coalinga Extension		30	Rosecrans	
4	East Coyote		35	Round Mountain	
48	Edison		45	Russell Ranch	
15	Elk Hills			Salt Lake	z
52	El Segundo		47	San Ardo	
40	Elwood		7	San Emidio	
	Fairfield Knolls (gas)	c	27	Santa Fe Springs	
49	Fruitvale		51	Santa Maria Valley	
	Gill Ranch (gas)	bb	17	Santa Paula-Ojai	
40	Goleta (abandoned)		1	Sargent	
53	Greeley		32	Seal Beach	
62	Guajarral Hills		54	Semitropic (gas)	
59	Helm		18	Sespe	
26	Huntington Beach		18	Simi	
31	Inglewood		10	South Belridge	
14	Jacalitos		45	South Cuyama	
35	Kern Bluff		8	South Midway	
13A	Kern Front		55	Strand	
13	Kern River			Suisun Bay (gas)	h
36	Kettleman North Dome			Summerland	u
	Kirby Hill (gas)	g	7	Sunset	
40	La Goleta (gas)		61	Tejon	
52	Lawndale		61	Tejon Hills	
	Lodi (gas)	k	10	Temblor	
3	Lompoc		55	Ten Section	
20	Long Beach			Thornton (gas)	j
	Los Angeles	z	28	Torrance	
11	Lost Hills			Tracy (gas)	p
	McDonald Island (gas)	n	58	Trico (gas)	
9	McKittrick		38	Turnbull	
	Maine Prairie (gas)	e	16	Ventura	
	Marysville Buttes (gas)	b		Vernalis (gas)	dd
10	McDonald Anticline		54	Wasco	
44	Mesa		39	West Coyote	
36	Middle Dome, Kettleman			West Montalvo	v
9	N. Midway		60	West Newport	
8	S. Midway		61	Wheeler Ridge	
	Millar (gas)	d	38	Whittier	
	W. Montalvo	v	50	Wilmington	
				Winters (gas)	ee
			2	Zaca	

Figures indicate number of oil field maps, as listed on Page 169.  
No maps published for fields located by letters.



## JACALITOS OIL FIELD

By G. W. HUNTER\*

### INTRODUCTION

The Jacalitos Oil Field lies about one and one-half miles southwest of the City of Coalinga, Fresno County, on the Jacalitos and Kreyenhagen Hills. The field is bounded on the north by the old Coalinga oil field, and is approximately seven miles southwest of the Coalinga anticline. The hills, with an elevation of less than 1500 feet, rise some 800 feet above the synclinal plain that borders the field on the northeast. Their drainage and topography are typical of the semi-arid late tertiary areas of California.

With the exception of five wells, operations are controlled by Standard Oil Company of California, Tide Water Associated Oil Company, and Wilshire Oil Company, Inc. The field has approximately 2500 acres of proved oil land all located within T. 21 S., R. 15 E., M. D. B. & M.

### ACKNOWLEDGMENT

The writer wishes to thank Mr. Vernon A. Isaacs and Mr. Louis E. Eyraud, Petroleum Engineers for Standard Oil Company of California, for constructive criticism and suggestions in the preparation of this report.

The following illustrations accompany this report:

- Plate I Contour Map
- Plate II Cross Section A-A
- Plate III Cross Section B-B
- Plate IV Cross Section C-C
- Plate V Electric Log and Stratigraphic Section.

### HISTORY

Prior to the discovery of the field by Wilshire Oil Company, Inc. in 1941, 21 wells had been drilled within the present field limits with varying degrees of success. According to the records of the Division of Oil and Gas, the first well was drilled prior to 1913. This well, Azores Oil Co. well No. 1, in Sec. 26, penetrated the Temblor zone of Miocene age at a favorable structural location, but was in the barren interval between the pinch out line P-P (Plate I) and the production obtained higher up the structure. In 1913, Bohemian Oil Company drilled well No. 1 in Sec. 22 to a total depth of 4758 feet and plugged back to 3780 feet in order to test a showing in the Temblor. This well was located near the pinch out line P-P as shown on Plate I and produced 20 barrels of oil per day until March 1914 when it went to water and was abandoned. Tide Water Associated Oil Company drilled wells No. 5G, 5H, 10A, "Canadian Coalinga" 1, "Canadian Coalinga" 2, and "Canadian Coalinga" 3, in Sec. 8 during the period from 1916 to 1921 and obtained small completions with initial productions of from 10 to 25 barrels of 15-degree grav-

\* Assistant Oil and Gas Engineer. Division of Oil and Gas.

ity oil per day. All of the wells except No. 5H are still producing. Boychester Oil Company drilled well No. 1 in Sec. 18 during 1917 and obtained noncommercial production of oil. The well was later deepened by The Texas Company without success. In 1923 and 1924, Snowolene Company drilled wells No. 1 and 1A in Sec. 22, penetrating the Temblor less than one location from commercial production. The remainder of the wells were located either completely off the structure or on the edge of production at structural locations similar to the last two wells mentioned above.

The discovery well leading to the development of the field was Wilshire Oil Company, Inc., No. 33-26E, in Sec. 26 (Plate I). The well was spudded August 11, 1941, and drilled to a total depth of 6031 feet, encountering the top of the Cretaceous at 6023 feet. The hole was plugged back and 125 feet of 8 $\frac{3}{8}$ -inch liner, including 20 feet of perforations, was landed at 3905 feet and cemented through perforations at 3865 feet for the purpose of testing showings in the Temblor. Formation tests indicated that commercial production could be obtained, and a string of 5 $\frac{1}{2}$ -inch casing was then cemented at 3850 feet in the top of the liner. The well was completed October 9, 1941, and the flow was turned into the tanks at an estimated rate of 90 barrels per day of 39-degree gravity clean oil. Although the well was situated near the edge of productive sands in that area, it produced a total of 58,176 barrels of oil before it was abandoned in 1948, at which time it was producing less than three barrels of oil per day, cutting 0.1 per cent.

Development during 1942 and 1943 continued in Sec. 23 and 26, in the Upper Temblor zone east of the pinch out line. Standard Oil Company of California drilled well No. 67, Sec. 17, to the Cretaceous and found the upper and lower Temblor zones barren of oil, but capable of producing gas at the rate of 3500 Mcf. per day. Development in Sec. 26 extended across a fault into Sec. 35 and 36. During 1944 drilling was started in Sec. 8, continued down the northeast flank, and spread throughout the remainder of the field. By the end of 1949, the productive limits of the field were fairly well defined. The six wells drilled and completed to production during 1950 were scattered throughout the field and did not appreciably affect the proved acreage. Most of the wells were completed with an initial production of between 100 and 300 barrels of oil per day, although production rates up to 800 barrels per day have been reported.

#### STRUCTURE AND UNDERGROUND CONDITIONS

The dominant geologic structure, similar to the Coalinga oil field, is the regional homocline on the eastern face of the Diablo Range. This is interrupted south of Coalinga by a southeast gently plunging asymmetrical fold (Plate I). The average dip of the northeast flank is about 15 degrees as compared to six degrees for the southwest flank.

The exposed formations in the Jacalitos field consist of Etchegoin-Jacalitos of Pliocene age.

The stratigraphic column ranging downward in age from Pliocene to Cretaceous is approximately as follows:

##### Pliocene

Jacalitos-Etchegoin ---	0-3000' Fossiliferous sands, clays, conglomerates and claystone.
-------------------------	--

## Miocene

Reef Ridge ----- 3000-3200' Gray claystone, abundant diatoms and fish fragments.

McLure ----- 3200-3400' Firm hard gray siltstone and claystone, abundant fish scales.

## Unconformity

Temblor ----- 3400-3900'

Upper Temblor ---- (230') Gray sand and sandstone with limy cemented streaks.

Lower Temblor ---- (270') Gray-green sand, gray-green claystone, and gray sand.

## Unconformity

## Oligocene and Upper Eocene

Kreyenhagen Shale -- 3900-4700' Hard brittle somewhat silicious tan to dark brown shale, upper part interlaminated with fine gray glauconitic sand.

Eocene Sand ----- 4700-4900' Hard limy cemented dirty-gray sand to coarse gray salt and pepper sand.

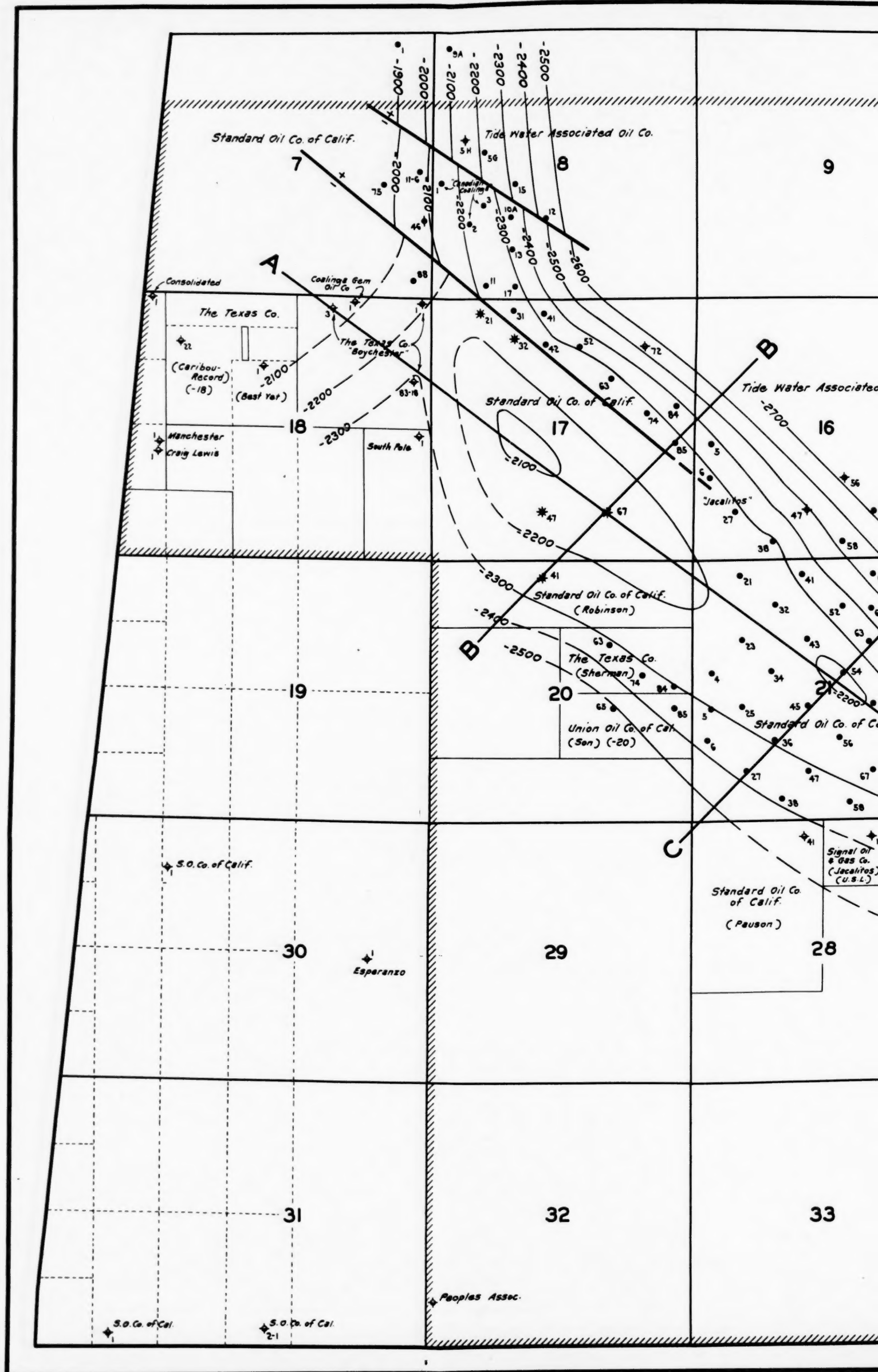
## Unconformity

## Cretaceous

Moreno ----- 4900-? Firm hard gray-brown claystone, hard fine gray siltstone and sandstone. (460 feet has been penetrated)

A normal fault, parallel to the major axis of the anticline, runs through Sec. 7, 8, and 17, but there is no evidence that the fault continues on into Sec. 16. Oil appears to be trapped against this fault in Sec. 17. A similar fault runs through the north end of the field in Sec. 8. Evidence of a fault was found in Wilshire Oil Company, Inc., well No. 72-28E in Sec. 28, and is believed by some to continue between Standard Oil Company of California wells No. 67 and 78 in Sec. 21, and then to curve northwesterly. A fault located in Sec. 26 and 35 is nearly vertical between Wilshire Oil Company, Inc., wells No. 65-26E and 76-26E, but has a hade of about 45 degrees between Standard Oil Company of California, wells No. 74 and 85 in Sec. 35.

There is an unconformity at the base of the McLure shale. The top of the Temblor was eroded prior to the deposition of the McLure shale and the subsequent folding. In Sec. 35 and 36, a producing sand is present above a shale stratum locally called the "indicator bed" and believed to be equivalent to the Gould shale by some geologists. As the position represented by the line P-P (Plate I) is approached from the east, the indicator bed has become entirely truncated. The Upper Temblor beds gradually disappear, due to truncation, up structure and to the west. At a point between Standard Oil Company of California well No. 67 in Sec. 17 and The Texas Company well No. "Boychester" 83-18 in Sec. 18, the Upper Temblor is completely truncated and the McLure shale rests directly upon the Lower Variegated (Lower Temblor). Therefore the "B" point representing the top of the Temblor as shown on the electric logs of the various wells does not represent the same stratigraphic position. In general, the higher the well is located on the structure, the lower the "B" point will be in the stratigraphic section. Wells drilled in Sec. 30 and 31, passed through the Reef Ridge and McLure formations having a dip of 15 degrees, directly into the Panoche Series (Middle Cretaceous) dipping from 50 to 60 degrees.





# MAP OF JACALITOS OIL FIELD FRESNO COUNTY, CALIF. SHOWING CONTOURS ON TOP OF TEMBLOR

ACCOMPANYING REPORT BY G.W. HUNTER

DIVISION OF OIL & GAS  
R.D. BUSH, STATE OIL & GAS SUPERVISOR

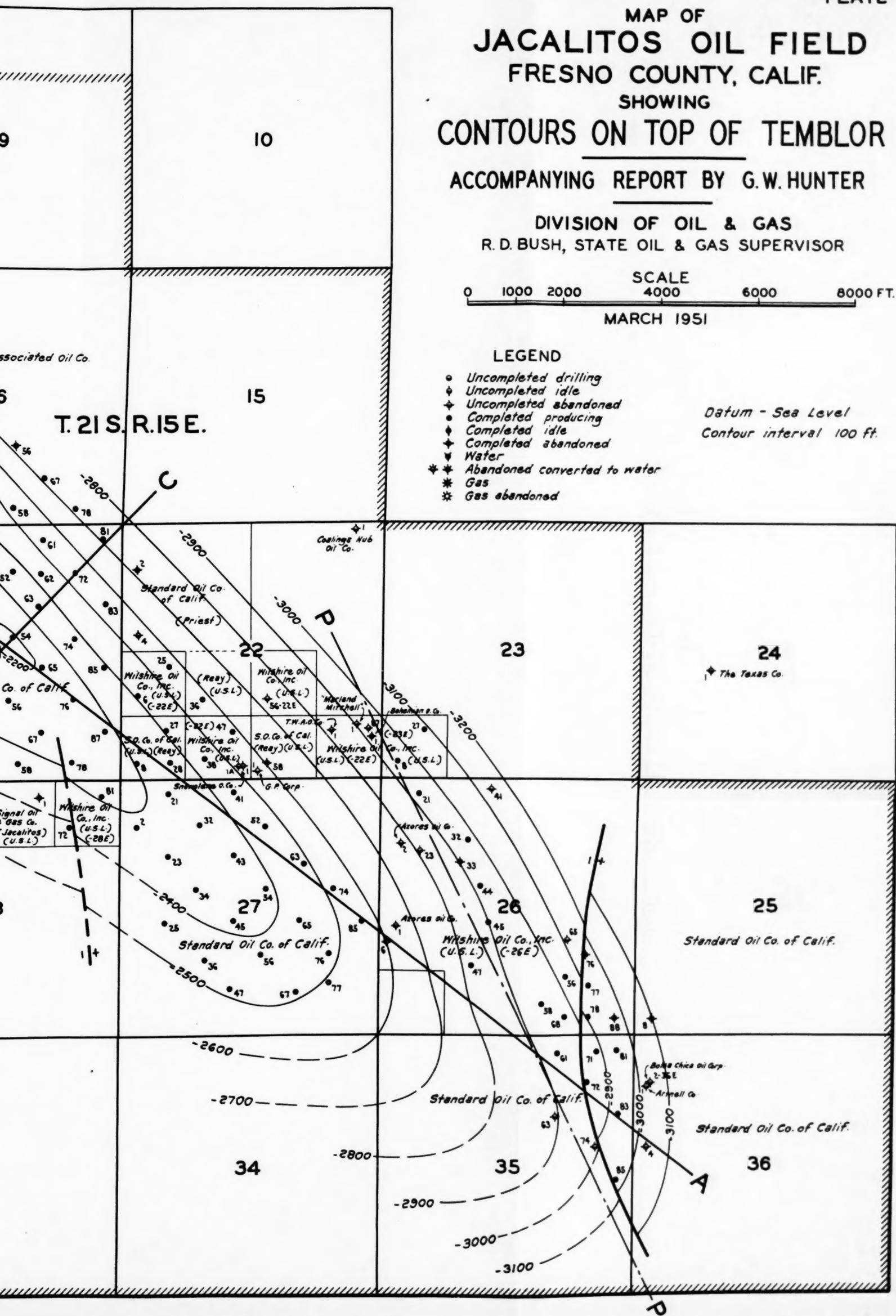
SCALE  
0 1000 2000 4000 6000 8000 FT.

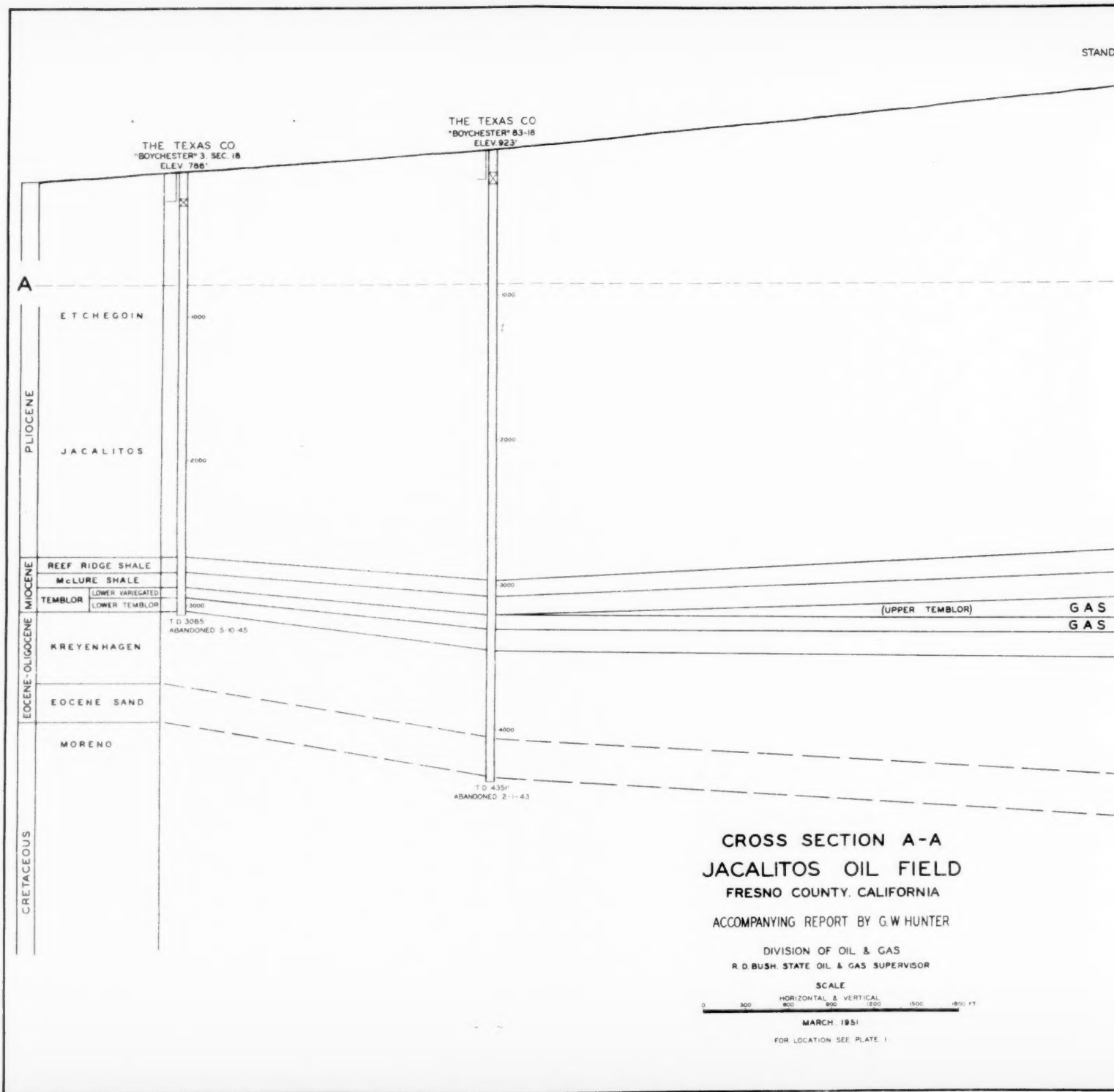
MARCH 1951

## LEGEND

- Uncompleted drilling
- ◇ Uncompleted idle
- ✦ Uncompleted abandoned
- Completed producing
- ◆ Completed idle
- ✧ Completed abandoned
- ▽ Water
- ✱ Abandoned converted to water
- ✱ Gas
- ✱ Gas abandoned

Datum - Sea Level  
Contour interval 100 ft.







STANDARD OIL CO. OF CALIF.  
NO 67 SEC 17  
ELEV 1384'

STANDARD OIL CO. OF CALIF.  
NO 21 SEC 21  
ELEV 1200'

STANDARD OIL CO. OF CALIF.  
NO 32 SEC 21  
ELEV 1185'

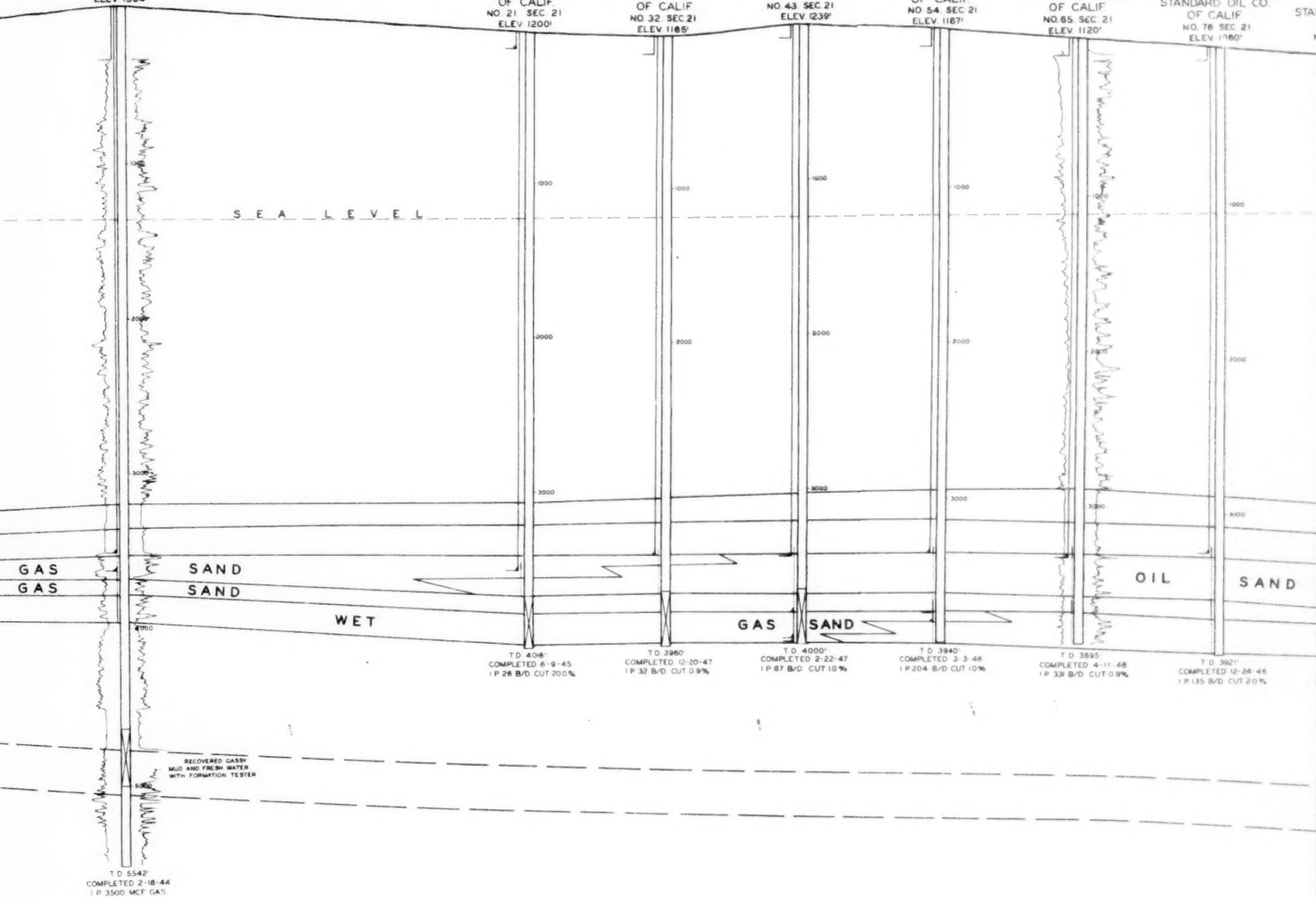
STANDARD OIL CO. OF CALIF.  
NO 43 SEC 21  
ELEV 1239'

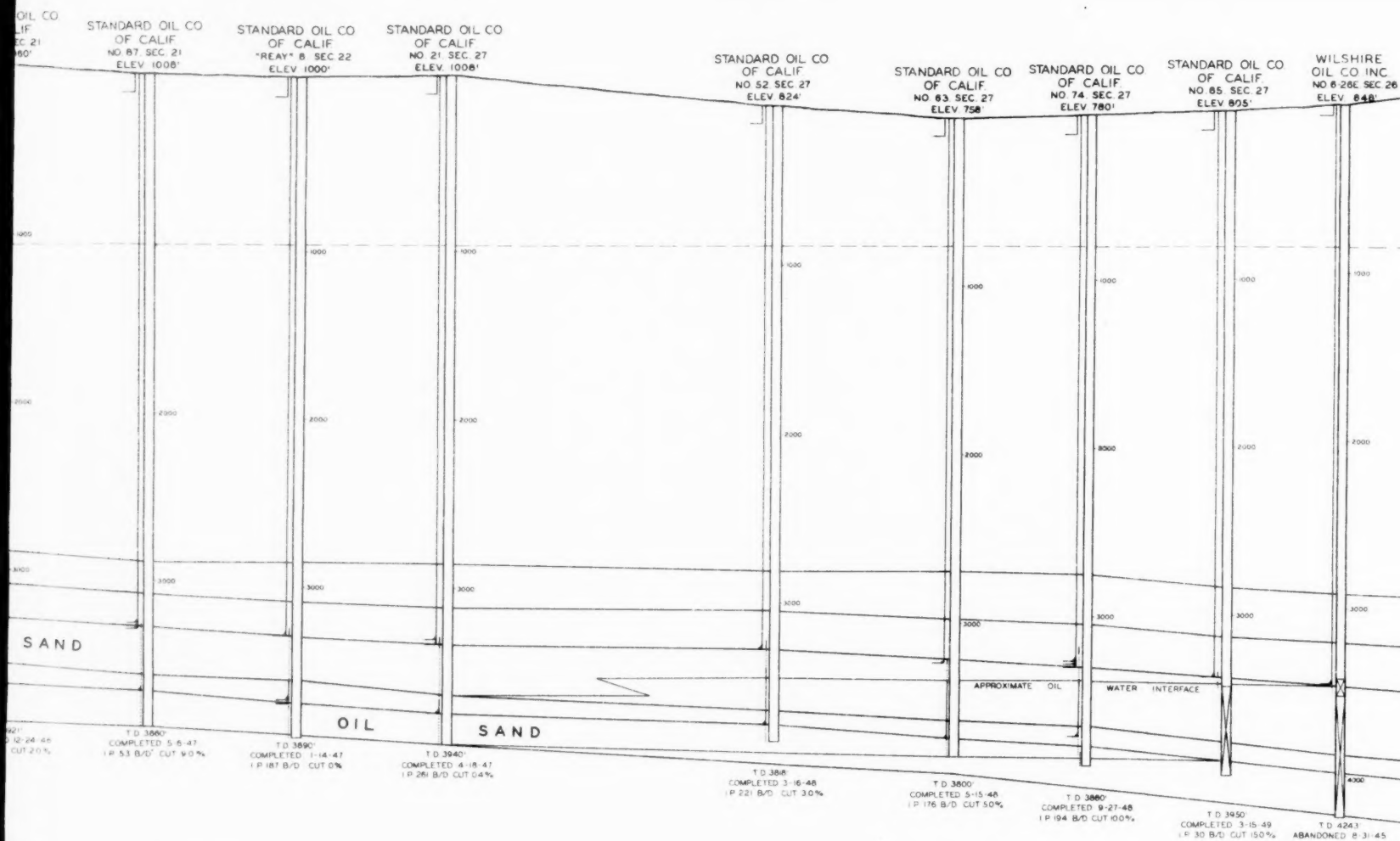
STANDARD OIL CO. OF CALIF.  
NO 54 SEC 21  
ELEV 1167'

STANDARD OIL CO. OF CALIF.  
NO 65 SEC 21  
ELEV 1120'

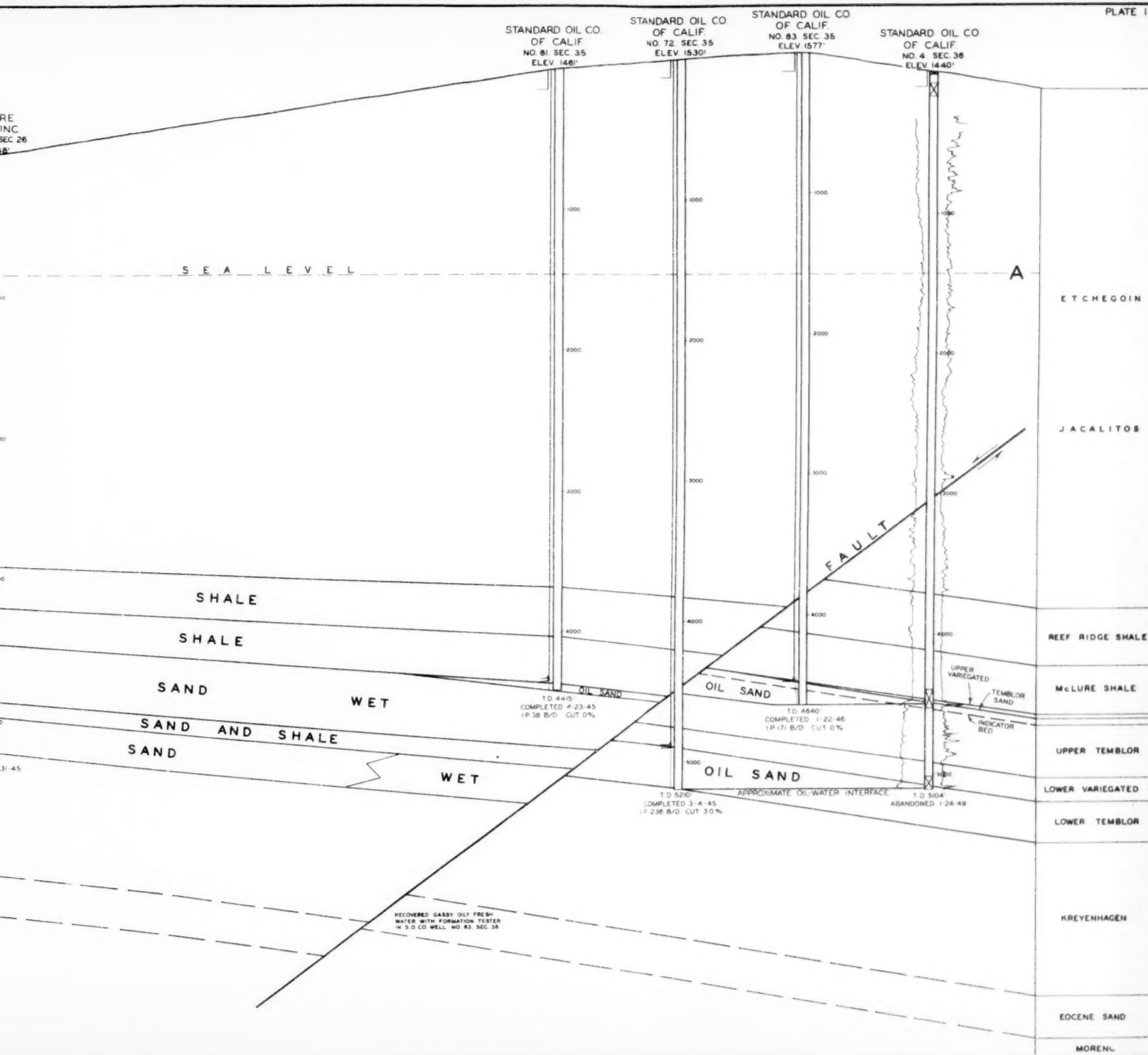
STANDARD OIL CO. OF CALIF.  
NO 76 SEC 21  
ELEV 1180'

STAN





RE  
INC.  
SEC. 26



STANDARD OIL CO. OF CALIF.  
"ROBINSON" 41, SEC. 20  
ELEV. 1328'

STANDARD OIL CO. OF CALIF.  
NO. 67, SEC. 17  
ELEV. 1364'

CRETACEOUS  
MORENO

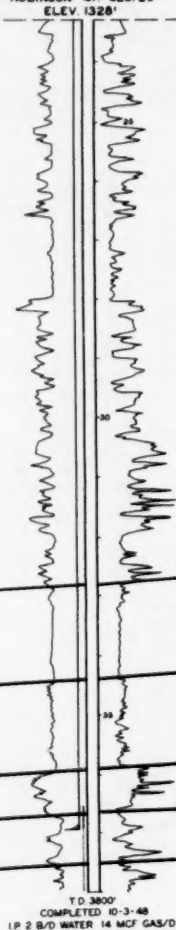
EOCENE -  
EOCENE SAND

EOCENE -  
KREYENHAGEN

MIocene  
TEMBLOR  
LOWER TEMBLOR  
LOWER VARIEGATED  
UPPER TEMBLOR  
McLURE REEF RIDGE

PLIOCENE  
JACALITOS -  
ETCHEGOIN

B



SHALE

GAS

GAS

WET

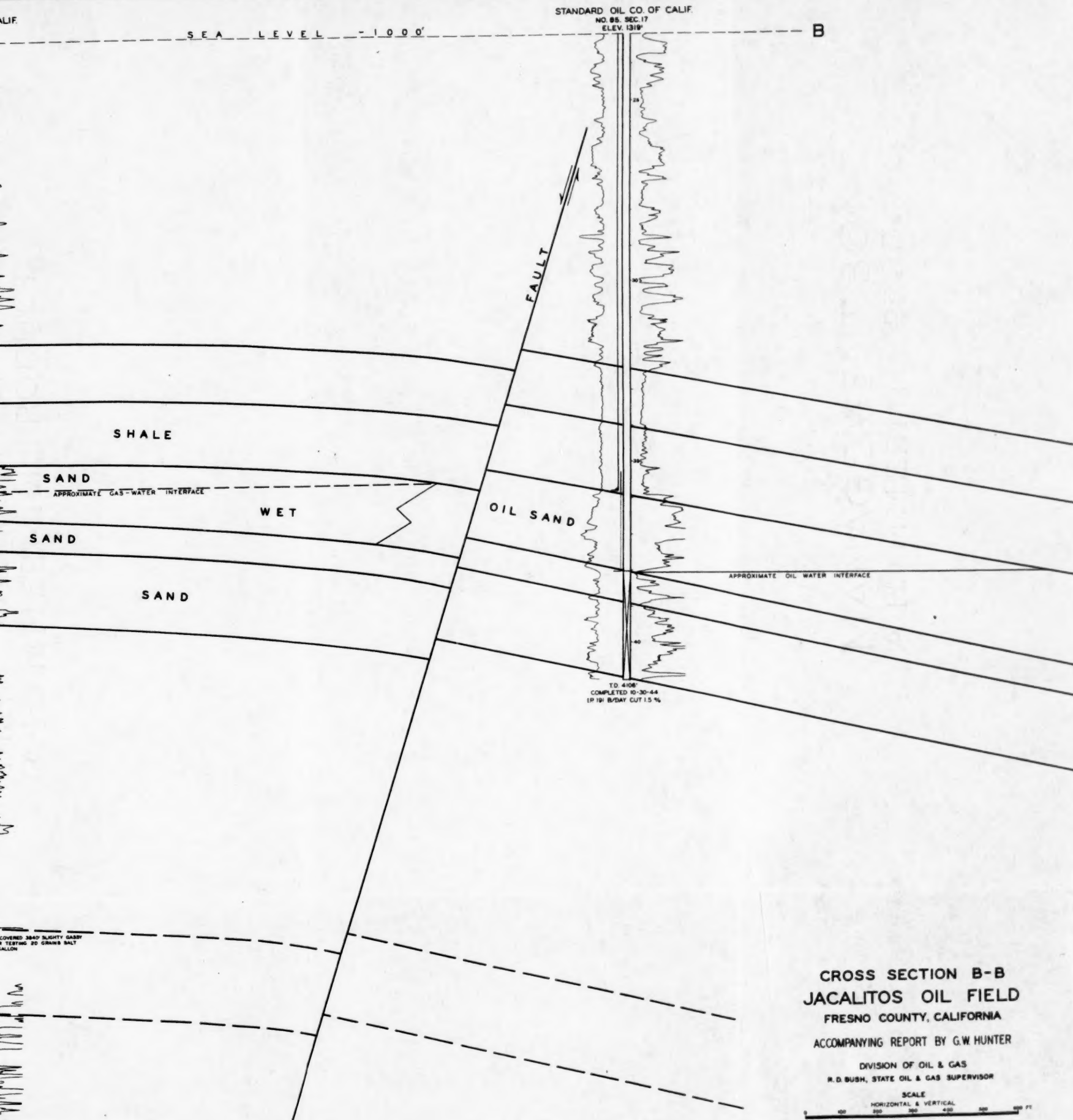
UPPER TEMBLOR

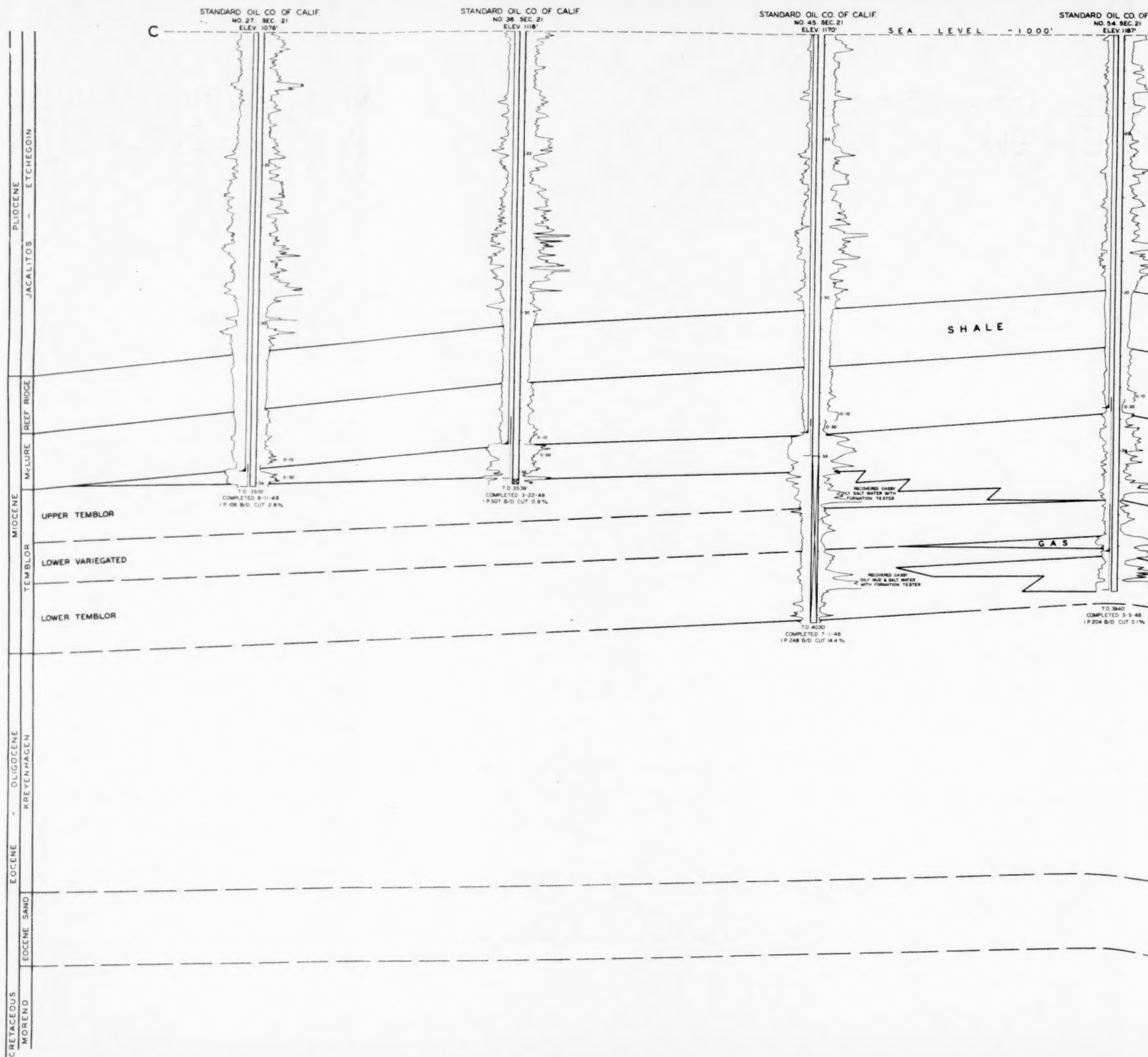
LOWER VARIEGATED

LOWER TEMBLOR

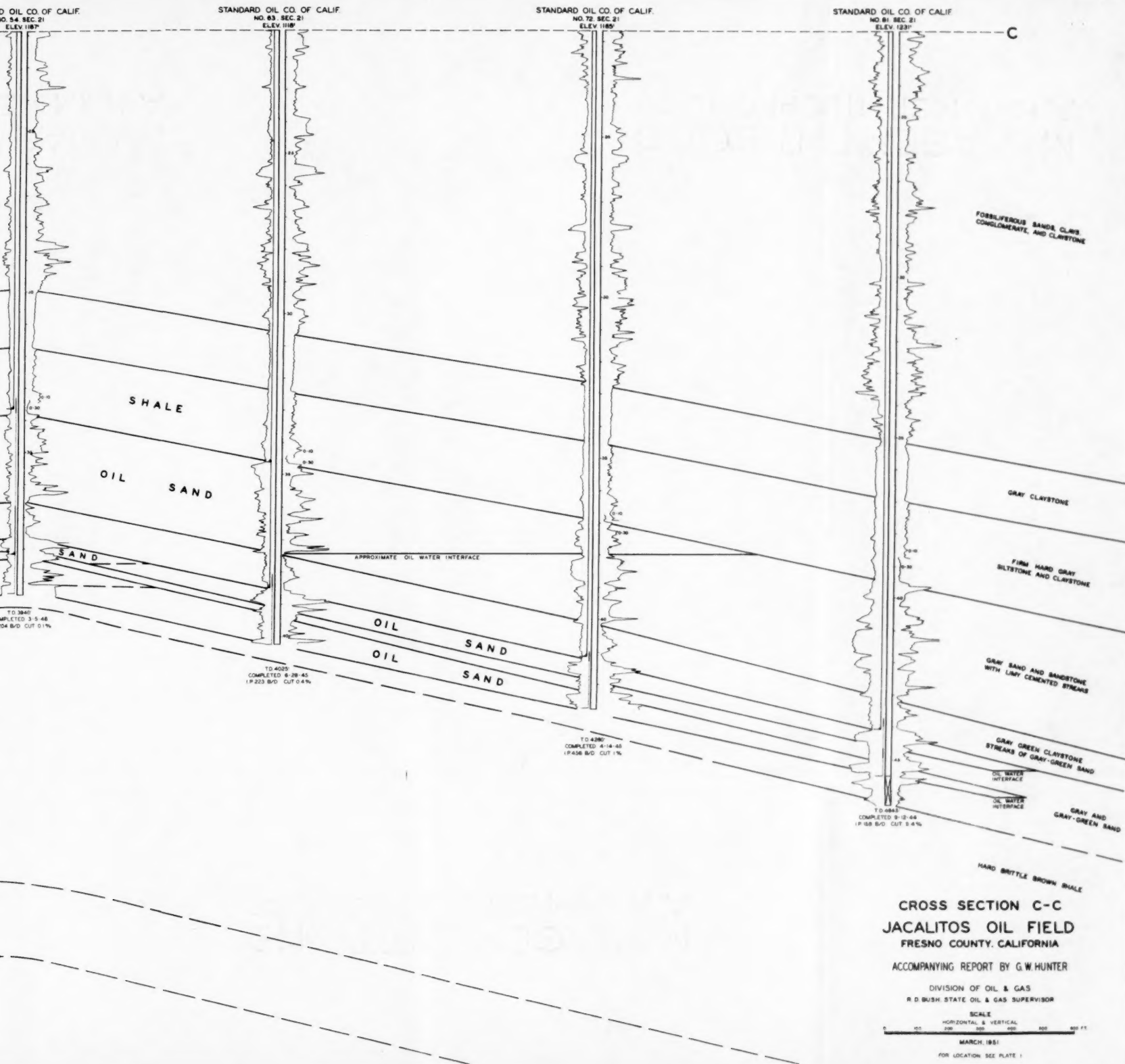
17' RECOVERED 3840 BLACK  
WATER TESTING 30 GRAM  
PER GALLON

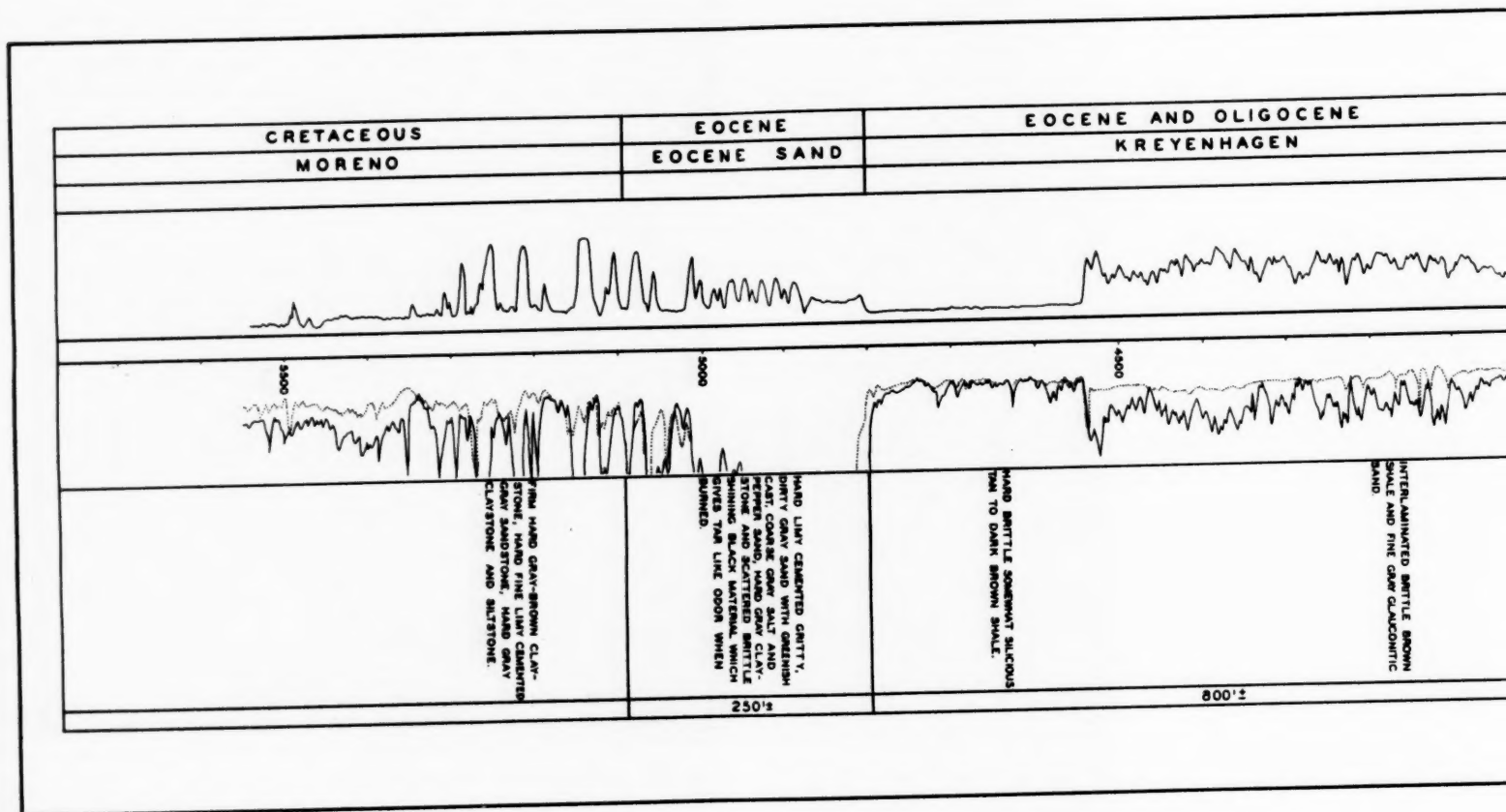
T.D. 3542'  
COMPLETED 2-2-44  
1P 3500 MCF GAS



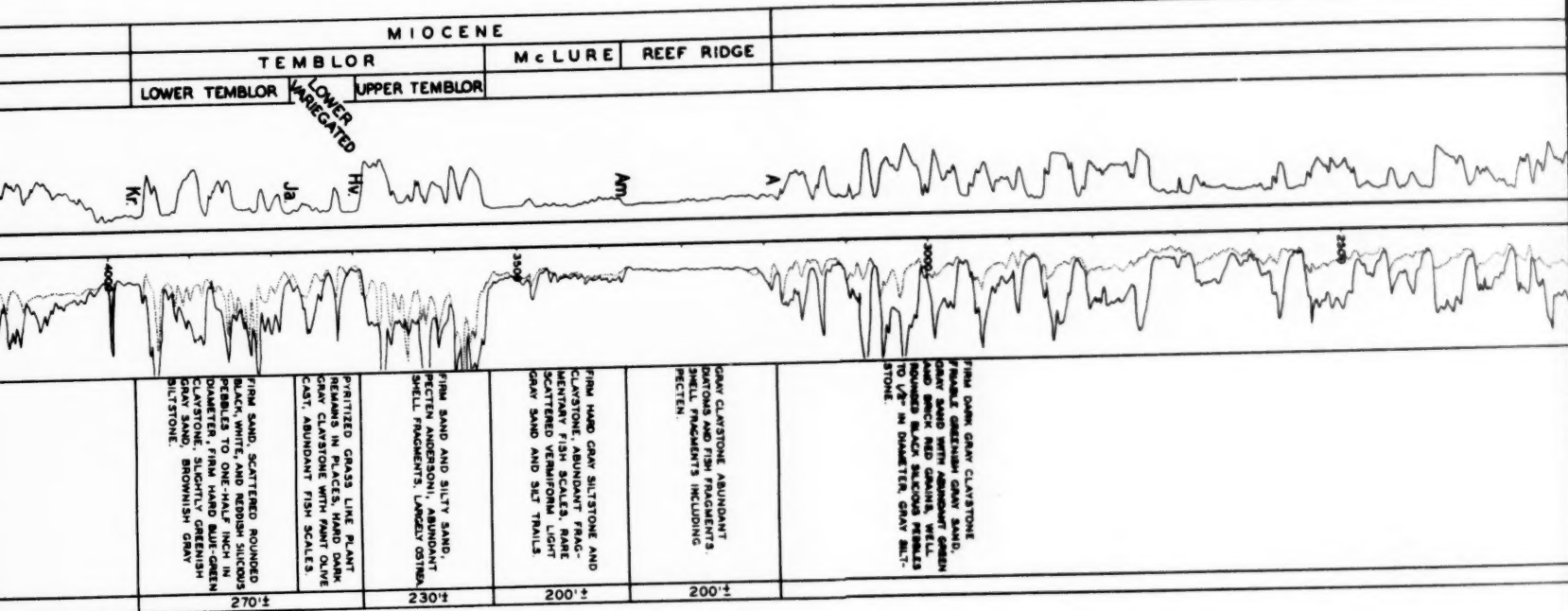




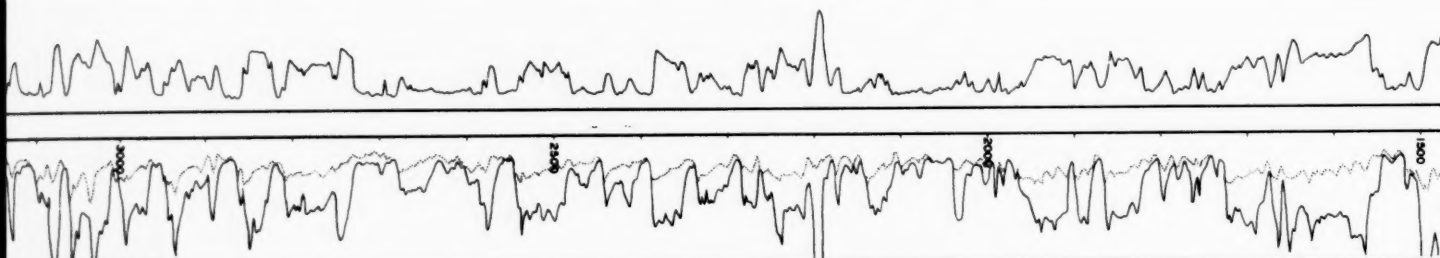








PLIOCENE  
JACALITOS AND ETCHEGOIN



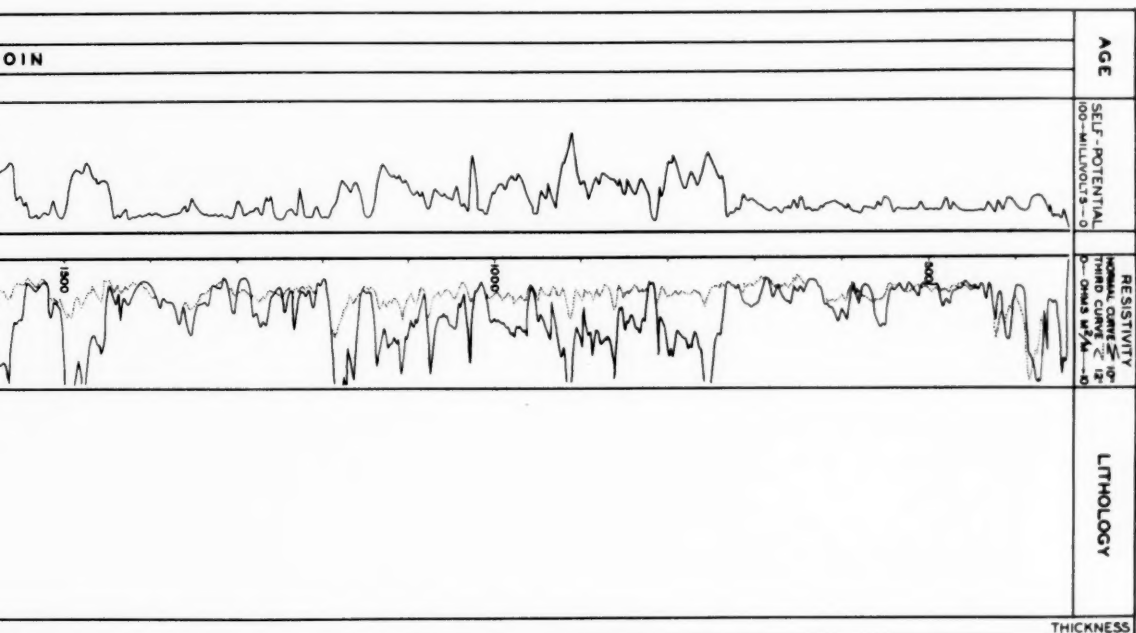
FOSSILIFEROUS SANDS CLAYS AND  
CONSOLIDATE

3000'±

FIRM DARK GRAY CLAYSTONE  
FRACTION GREENISH GRAY SAND,  
SANDY SILTY CLAYSTONE, SILTY  
AND BRICK RED GRAINS, WELL  
ROUND BLACK SILICIOUS PEBBLES  
TO 1/2" IN DIAMETER, GRAY SILT-  
STONE

A TYPICAL  
ELECTRIC LOG & STRATIGRAPHIC SECTION  
OF  
JACALITOS OIL FIELD  
ACCOMPANYING REPORT BY G. W. HUNTER  
DIVISION OF OIL & GAS

R. D. BUSH, STATE OIL & GAS SUPERVISOR



OIN

The oil accumulation east of the line P-P, as shown on Plate I, is in a trap formed by the deposition of McLure shale over the truncated Temblor sands. A few feet of Upper Variegated beds have been encountered by structurally low wells in Sec. 36. Decreasing permeability of the sands northwest of Standard Oil Company of California wells No. 4, 23 and 21 in Sec. 21 apparently allowed only gas to migrate up structure and form the gas cap in Sec. 17.

The fact that oil obtained from Jacalitos field ranges from 38- to 40-degree gravity and oil produced in the south end of Coalinga field averages 15-degree gravity is evidence of the existence of conditions preventing migration between these fields. These conditions may be entirely due to the productive Temblor sands of the Jacalitos field thinning and becoming impermeable in the northwest end of the field rather than due to faulting. Two oil sands were cored in Standard Oil Company of California well No. 41, in Sec. 17, one containing high gravity oil and the other the low gravity oil of the Coalinga field. The gradual decrease in gravity of the oil produced from wells in Sec. 8, from south to north, indicates that sands containing high gravity oil and sands containing low gravity oil overlap, and that both are open to production in these wells. This would substantiate the belief that the barrier between the two fields is due to lithologic conditions rather than to faulting.

Commercial production has been obtained only from the Upper and Lower Temblor formations. Standard Oil Company of California wells No. 63, Sec. 35, No. "Pauson" 41, Sec. 28, No. 67, Sec. 17; Wilshire Oil Company, Inc., well No. 33-26E, Sec. 26; and The Texas Company wells No. "Caribou Record" 22-18 and No. "Boychester" 83-18, Sec. 18, were drilled to the Cretaceous without encountering commercial showings of oil below the Temblor.

#### DRILLING PRACTICE

The primary purpose of the surface casing is to provide anchorage for blow-out prevention equipment. The most common practice is to drill a 10½-inch hole to a depth of between 100 and 200 feet, ream it out to a 15½-inch hole and cement 11¾-inch casing at that depth. Blow-out prevention equipment consists of a master-gate for complete shut-off, a blow-out preventer or a combination ram type gate and blow-out preventer (both with remote control), and a fill up line connected to the surface casing below the blow-out assembly.

The casing program most commonly used consisted of cementing 7-inch casing immediately above the Temblor and testing the water shut-off through four ½-inch shot-holes 10 to 15 feet above the shoe. After a satisfactory water shut-off was demonstrated, a 5½-inch liner with 2 inch x 60 mesh slots was landed through the oil sands. In wells producing from both the Upper and Lower Temblor zones, the liner was cemented back of a blank section through perforations at the top of the Lower Temblor for the purpose of excluding intermediate water and segregating the production from the two zones.

No outstanding difficulty has been experienced in drilling the wells. Mud weight of between 70 and 75 lb. per cubic foot was used. The semi-mountainous terrain increased the cost of road building and the grading of well locations to above normal. In some instances wells were whipstocked from a more favorable surface location to the desired point on the structure. Minimum drilling time was from 15 to 21 days. Where extensive coring was done and frequent formation tests made, the total drilling time was often increased to from 30 to 40 days. Portable rotary drilling equipment was generally used throughout the field.

#### PRODUCTION

Total production from Jacalitos field to December 31, 1950, was 13,026,310 barrels of oil. The oil from both the Upper and Lower Temblor zones ranges from 30- to 40-degree gravity except in the northwest end of the field in Sec. 7 and 8 where it decreases in some wells to 15-degree gravity. As of December 31, 1950, there were 115 potential oil wells with an average production per well per day of 36 barrels of oil and 14.7 barrels of water, and also five gas wells. Production statistics show that the rate of decline has been quite rapid.

About one-half of the wells were completed flowing. In a few instances of dual completion, a well would be completed flowing from the Upper Temblor through the annulus between the tubing and casing, and pumping from the Lower Temblor through the tubing. The original plan was to produce each zone separately in the dual completion wells. This plan, however, was soon abandoned and the wells were produced from both zones without trying to segregate the production. The gas cap wells have not been produced, with the exception of Standard Oil Company of California well No. 67 in Sec. 17. During the interval from September 1945 to December 1946, 346,394 Mcf. of gas was injected into this well, and since December 1949, the well has been producing at the rate of approximately 185 Mcf. per day.

A spacing program of one well to 20 acres has been generally observed, with some 10-acre spacing in Sec. 20 and 26. Pumping costs are low; a pump run of several years without replacement is not uncommon.

#### RE-ESTIMATE OF GAS RESERVES

The total ultimate recoverable gas of Jacalitos field was estimated to be 15,450,000 Mcf. by the Railroad Commission and the Department of Natural Resources, Division of Oil and Gas.<sup>1</sup> Subsequent development has extended the proved limits of the field, increasing the known reserve appreciably above the original estimate.

The re-estimate of the gas reserve was calculated by the volumetric method. The short productive histories of existing wells did not permit the use of the decline curve method as a check on the volumetric method. The acre feet of gas and oil sand was determined from isopach maps of the gas cap area, Upper Temblor and Lower Temblor oil zones. The fol-

<sup>1</sup> Case No. 4591, Special Study No. S-525—June 1, 1946—pp 123-124.

lowing data were used to compute the gas reserve in Mcf. at 14.73 p.s.i. and 60 degrees F.

## DATA

Average gas-oil ratio taken from early production histories	700-cu. ft. per bbl.
Formation volume factor	1.34
Average midpoint pressure of gas cap area	1500 p.s.i.
Bottom hole temperature	150° F.
Estimated deviation factor of gas from Boyle's Law	1.1
Estimated recovery of gas from gas cap area	90%
Estimated recovery of gas from oil zones	85%

	<i>Acre ft. of sand</i>	<i>Average Porosity</i>	<i>Average Connate water</i>	<i>Bbl. tank oil in place</i>	<i>Mcf. gas @ 60° F. and 14.73 p.s.i.</i>
Gas Cap Area	16,547	18%	50%		5,612,162
Upper Temblor	75,875	23%	50%	50,517,461	30,057,890
Lower Temblor	37,379	18%	50%	19,476,690	11,588,414
Total reserve					47,258,466
Gas produced to Dec. 31, 1950					11,417,752
Gas reserve as of Dec. 31, 1950					35,840,714

## WATER CONDITIONS

The water table is quite variable throughout most of the field. Each individual sand in both the Upper and Lower Temblor zones appears to have its own water table. East of the fault in Sec. 26 and 35, the 3000-foot subsea contour defines the limit of production. Artnell Company recently drilled and abandoned well No. 1 in Sec. 36, after formation tests of the Temblor recovered only gassy salt water. Between this fault and the line P-P, as shown on Plate 1, production is obtained down to the 3100-foot contour. Wilshire Oil Company, Inc., wells No. 41-26E and 65-26E in Sec. 26 penetrated the Temblor slightly below 3100 feet subsea and failed to obtain commercial production.

In Sec. 20, 21, and 28, the water table of the Upper Temblor is between 2400 feet and 2500 feet subsea. In Sec. 27, production is obtained slightly below the 2500-foot contour. East of the fault in Sec. 16 and 17, the Upper Temblor is wet below 2450 feet subsea.

In Sec. 16, Tide Water Associated Oil Company well No. 56-16 was found productive in the Lower Temblor, but the Upper Temblor tested wet. In well No. 47-16, drilled one location up structure, the Lower Temblor was impermeable and the Upper Temblor wet. Well No. 38-16, one more location up structure, was successfully completed in the Upper Temblor.

The Jacalitos Oil Field illustrates the difficulty of locating production on an obvious structural feature favorable to the commercial accumulation of oil. Variations in lithology, permeability, and faulting, in conjunction with structural closure all had an effect in controlling the accumulation of the oil. In some cases commercial production could not be obtained one location away from a good producer.

Although at the present time the producing limits of the field are fairly well established for the Temblor zone, it is not unreasonable to assume that additional production could possibly be found in truncated sands at favorable structural locations. Furthermore, there is always the possibility that production may be secured from the Eocene or Cretaceous formations.

June 1, 1951

## LAWNDALE OIL FIELD AND ALONDRA AREA

By J. LLOYD WHITE \*

### INTRODUCTION

The Lawndale oil field is located in Los Angeles County in portions of Sec. 16, 17, 20 and 21, T. 3 S., R. 14 W., S. B. B. & M. The nearest major producing area is the El Segundo oil field, which centers approximately  $1\frac{1}{2}$  miles to the northwest. The surface topography offers no indication of the underlying structure. A part of the surface area has been subdivided into residential lots. The maximum productive acreage in the field is relatively small, being only 125 acres. The field has a small upper zone of 20 acres and a lower zone that comprises 105 acres.

Plate I shows contours on top of the schist conglomerate zone (the principal producing zone), the surface locations of all of the lower zone wells that have been drilled at Lawndale and the bottom-hole locations of the directionally drilled wells. The upper zone wells that have secured production are also shown. Cross section A-A is shown on Plate I. Plate II shows two cross sections, one in the Lawndale oil field and one in the Alondra Area. Table I lists the wells in the upper zone that have secured production and all of the wells that have been drilled to the lower zone.

### ACKNOWLEDGMENTS

The writer wishes to thank the managements of the various oil companies for permission to publish the data presented in this article and also the geologists of these companies for their generous and whole-hearted co-operation.

### HISTORY

#### Upper Zone

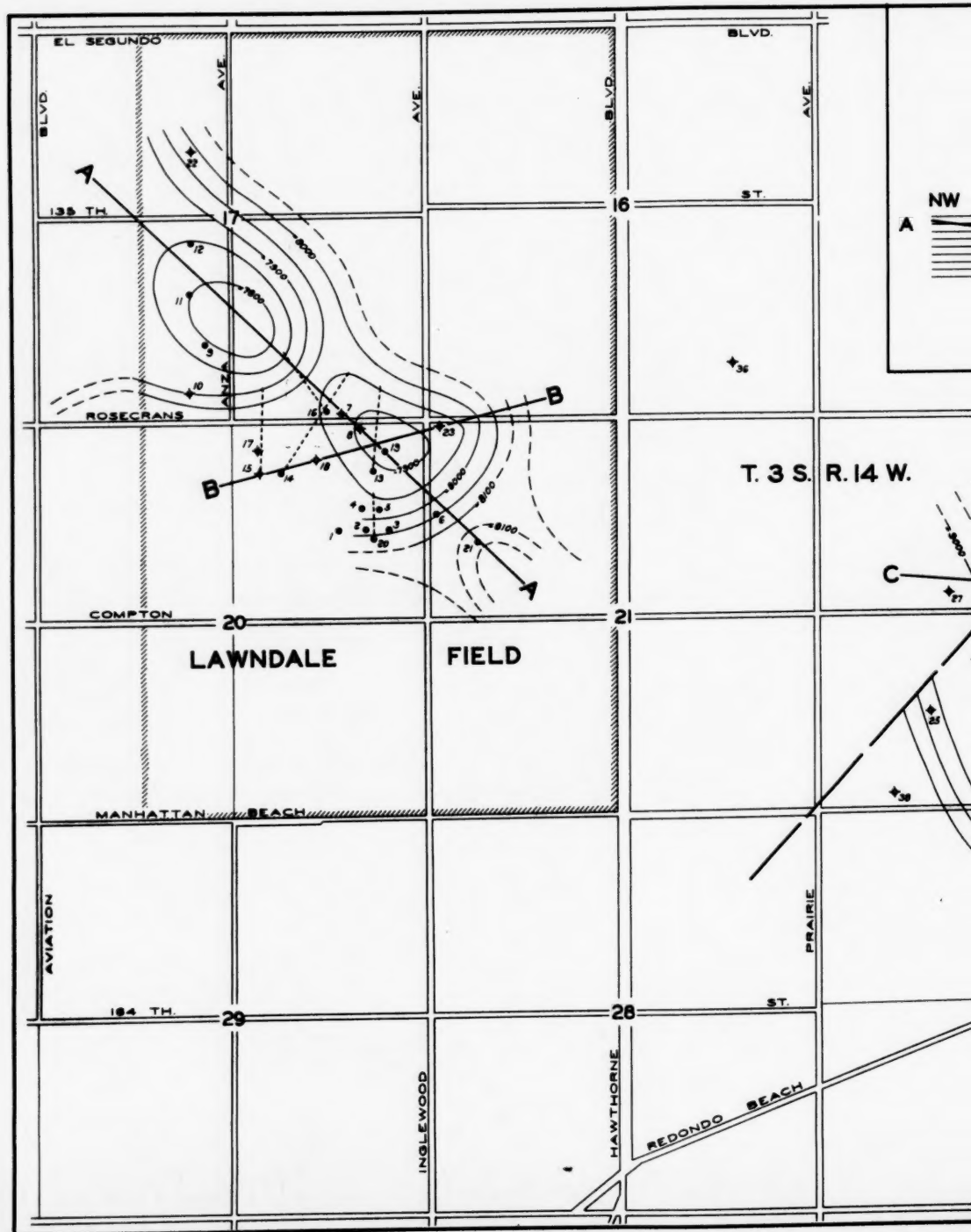
The upper zone was discovered by the completion of San Clemente Oil Company well No. 1, Sec. 20, on July 7, 1928. The well was completed in a perforated interval from 5,767 to 5,813 feet. During the first 24 hours, the well produced 140 barrels of 32.1-degree gravity oil and the cut was one percent emulsion. Interest in the area was immediate, and many drill sites were acquired in the subdivided area to the east and north of the discovery well. The State spacing act had not been passed at the time so there was no restriction on the spacing of the wells. During the next few months, 62 wells were drilled in the area. Six wells secured commercial production and two others had small production but were not commercial wells. The remaining 54 wells were dry holes. At the present time, only two wells remain on production in the upper zone and these are pumping a very minor amount of oil. The reservoir is of the water-drive type, and later production included large amounts of water.

#### Lower Zone

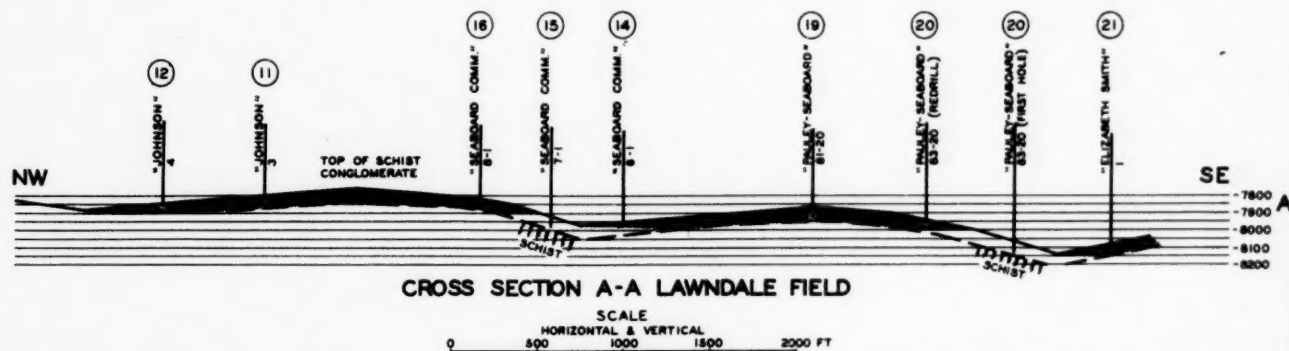
It was 19 years after the discovery of the upper zone before the lower zone was discovered. On September 3, 1947, Seaboard Oil Com-

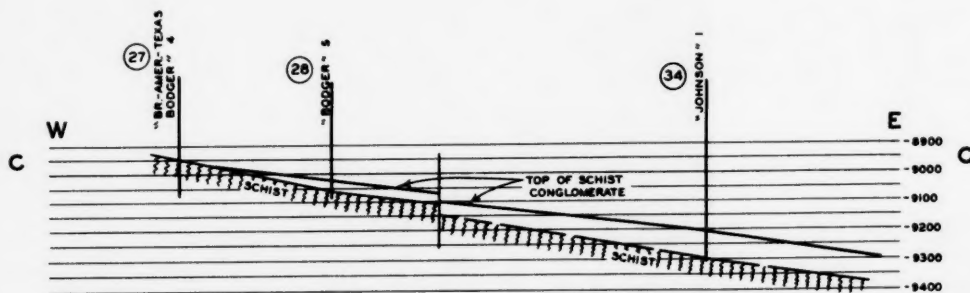
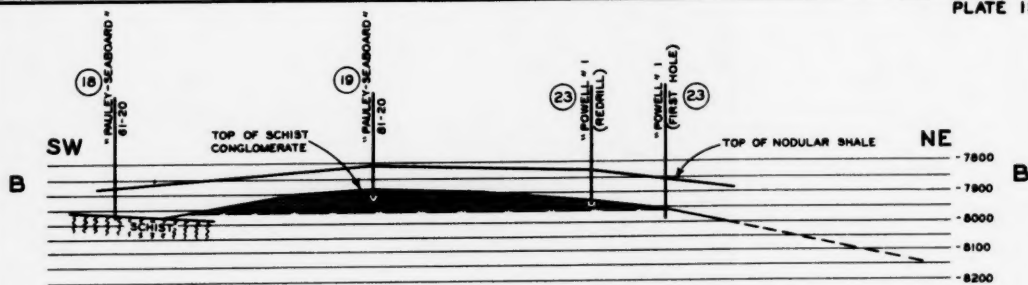
\* Assistant Oil and Gas Engineer, Division of Oil and Gas.











**CROSS SECTION B-B LAWDALE FIELD**  
**CROSS SECTION C-C ALONDRA AREA**  
**LOS ANGELES COUNTY, CALIFORNIA**

ACCOMPANYING REPORT BY J. LLOYD WHITE

**DIVISION OF OIL & GAS**  
**R. D. BUSH, STATE OIL & GAS SUPERVISOR**  
**SCALE**  
**HORIZONTAL & VERTICAL**  
**0 300 600 900 1200 FT.**  
**FOR LOCATION SEE PLATE I.**

TABLE I  
LAWDALE OIL FIELD

No.	Operator	Name of Well	Subsea Elevation (Feet)		
			Top Cong.	Top Schist	Total Depth
Upper Zone Wells					
1.	Seaboard Oil Company of Delaware	"S. C." 1 (Discovery Well)			
2.	Seaboard Oil Company of Delaware	"Pauley-Seaboard S. C." 2			
3.	Edwin W. Pauley	"Pauley-Seaboard Howland" 2			
4.	Seaboard Oil Company of Delaware	"Pauley-Seaboard Peck" 1			
5.	Seaboard Oil Company of Delaware	"Pauley-Seaboard Peck" 8			
6.	A. Glassell Brown & Ethlyn Sidford Brown	"Brown" 2			
7.	Edward Hennes	"Barkdall" 1 (Non-commercial)			
8.	Seaboard Oil Company of Delaware	"Peck" 4 (Non-commercial)			
Lower Zone Wells					
9.	Seaboard Oil Company of Delaware	"Johnson" 1 (Discovery Well)	7,808	7,875	7,928
10.	Seaboard Oil Company of Delaware	"Johnson" 2	7,904	7,917	7,960
11.	Seaboard Oil Company of Delaware	"Johnson" 3	7,806	NR	7,821
12.	Seaboard Oil Company of Delaware	"Johnson" 4	7,840	NR	7,850
13.	Seaboard Oil Company of Delaware	"Seaboard Community" 5-2	7,955	NR	7,969
14.	Seaboard Oil Company of Delaware	"Seaboard Community" 6-1	7,937	NR	7,958
15.	Seaboard Oil Company of Delaware	"Seaboard Community" 7-1	7,912	7,974	7,976
16.	Seaboard Oil Company of Delaware	"Seaboard Community" 8-1	7,820	NR	7,830
17.	Seaboard Oil Company of Delaware	"Pauley-Seaboard" 51-20	NR	NR	5,736
18.	Seaboard Oil Company of Delaware	"Pauley-Seaboard" 61-20	None	7,967	7,971
19.	Edwin W. Pauley	"Pauley-Seaboard" 81-20	7,878	NR	7,913
20.	Edwin W. Pauley	83-20 (1st hole) (Redrill)	8,047 7,934	8,136? NR	8,136 7,948
21.	Sunray Oil Corporation	"Elizabeth Smith" 1	8,083	NR	8,096
22.	Sunray Oil Corporation	"Johnson" 44	7,947	NR	7,989
23.	General Petroleum Corporation	"Powell" 1 (1st hole) (Redrill)	7,936 7,928	NR NR	7,986 7,938
Alondra Area Wells					
24.	The British-American Oil Producing Company	"Bodger" 1 (Discovery Well)	9,036	NR	9,091
25.	The British-American Oil Producing Company	"British-American-Texas Bodger" 2	9,129	9,162	9,170
26.	The British-American Oil Producing Company	"Bodger" 3	9,046	NR	9,081
27.	The British-American Oil Producing Company	"British-American-Texas Bodger" 4	None	8,942	9,070
28.	The British-American Oil Producing Company	"Bodger" 5	9,025	9,054	9,073
29.	The British-American Oil Producing Company	"Park Community" 1	9,020	NR	9,050
30.	The British-American Oil Producing Company	"Alondra Park" 1	9,103	9,223	9,283
31.	The British-American Oil Producing Company	"Park Bodger" 1	9,039	NR	9,054
32.	The British-American Oil Producing Company	"Village Community" 1	9,022	NR	9,033
33.	The British-American Oil Producing Company	"Village Community" 2	9,218	NR	9,230
34.	H. C. Christie	"Johnson" 1	9,200	9,298	9,301
35.	The Texas Company	"Texas-Seaboard Gardena Community" 9-1	9,484	9,921	10,031
36.	General Petroleum Corporation	"Alondra Community Eight" 1	8,717	8,892	8,913
37.	Sovereign Oil Corporation	"Sovereign-Long" 1	NR	NR	8,691
38.	Standard Oil Company of California	"Bodger" 1	NR	NR	7,990
39.	The Ohio Oil Company	"Gardena Community No. 4" 1	None	9,998	10,230
40.	The Ohio Oil Company	"Gardena Community No. 6" 1	None	10,489	10,548

Note: NR means not reached.

pany of Delaware completed well No. "Johnson" 1, in Sec. 17, for an initial production of 225 barrels of 35.7-degree gravity oil and 2,250 Mcf. of gas a day. The cut was 43 percent salt water. After 30 days, production had declined to 66 barrels of oil a day, the gravity had risen to 43.4 degrees and the cut had increased to 57 percent. The total depth of the hole was 8,026 feet. Schist conglomerate was found at 7,906 feet and schist at 7,973 feet. Production came from two perforated intervals between 7,900 and 7,980 feet. Several unsuccessful attempts were made to shut off the water. The schist conglomerate zone was finally cemented off and the 7-inch casing was then shot-perforated in two intervals between 7,492 and 7,624 feet. Only minor production has been obtained from these intervals.

The second well drilled was Seaboard Oil Company of Delaware well No. "Johnson" 2 located 660 feet to the southwest of well No. "Johnson" 1. This well was drilled to a depth of 8,048 feet. The top of the schist conglomerate was found at 7,996 feet and the top of the schist at 8,005 feet. Formation tests of the schist conglomerate interval recovered only salt water, and the well was abandoned. Drilling activity by Seaboard Oil Company of Delaware then shifted southeasterly to the northeast quarter of Sec. 20 where another dry hole, well No. "Pauley-Seaboard" 51-20, was drilled. The well following this was "Pauley-Seaboard" 81-20 (now known as Edwin W. Pauley well No. "Pauley-Seaboard" 81-20). This well was a straight hole drilled to a total depth of 7,996 feet. The top of the schist conglomerate was found at 7,961 feet. Seven-inch casing was cemented at 7,950 feet and a 5-inch liner, with perforations from 7,949 to 7,996 feet, was landed at 7,996 feet. The well was completed on February 6, 1948, flowing 355 barrels a day of clean oil of 60.4-degree gravity. The gas flow was 5,000 Mcf. a day. The completion of this well established the presence of an oil of higher gravity than that discovered in well No. "Johnson" 1, in fact, higher than any oil previously found in the Los Angeles Basin.

Seaboard Oil Company of Delaware, which controlled most of the acreage, continued to develop the area and drilled eight more wells, making a total of 12 wells in all. One well, previously dry, was redrilled into the oil zone; four of the 12 wells were dry holes. Three other companies drilled one well each, and two of these wells were abandoned after producing only minor amounts of oil. The third well went on the pump four months after completion and is still producing a small amount of oil. Development of the lower zone was practically completed by the end of 1948. Only five of the wells actually penetrated the schist formation.

#### GENERAL GEOLOGY

##### Stratigraphy

"The sediments penetrated in this field include 5,600 feet of Pliocene and younger sediments and 1,800 feet of Upper Miocene. The top 800 to 1,000 feet are generally logged as sands and gravels. From 1,000 to 3,300 feet is essentially shale. The interval 3,300 to 4,900 feet contains 50% fine to medium-grained sands occurring in 10- to 50-foot beds. The lowermost 700 feet of the Pliocene, between 4,900 and 5,600 feet, is shale containing occasional thin lenticular sand beds. The Pliocene-Miocene contact is generally considered to be at the first occurrence of

laminated brown to reddish-brown shale, found at a depth of about 5,450 feet below sea level, at the crest of the field. The Miocene section is essentially shale, but contains frequent 1- to 10-foot beds of medium to fine-grained sandstone. The shale is generally very arenaceous, except at the top, where the typical platy shale occurs."<sup>1</sup>

This quotation describes the stratigraphy at Lawndale prior to the deeper drilling that developed the lower zone. The lower portion of the Upper Miocene sediments has been penetrated since the description was written. The full Upper Miocene section at Lawndale varies from 2,300 to 2,650 feet. Coring in well No. "Johnson" 2 was almost continuous below 7,560 feet. The core record shows a succession of hard banded shale and streaks of grey or oil-stained sand until the nodular shale was reached at 7,904 feet. The sand streaks range in thickness from one inch to four feet. The basal portion consists of from 50 to 130 feet of nodular shale overlying a sand and conglomerate which, in turn, rests on the weathered and eroded basement schist. The conglomerate, which is streaked with thin layers of poorly sorted oil sand, is made up predominantly of angular schist fragments and varies in thickness to a maximum of about 100 feet. In one well, "Pauley-Seaboard" 61-20, the sand and conglomerate is entirely absent and the nodular shale rests unconformably on the weathered schist surface.

## STRUCTURE

### Upper Zone

In the upper zone, production comes from a small northwest-southeast elongated dome-like structure occurring in the upper 300 feet of Miocene sediments at drilled depths varying from 5,700 to 6,290 feet. This structure does not overlie the schist high in the area and has apparently been formed by minor folding of sediments.

### Lower Zone

The surface of the basement schist in the Western Los Angeles Basin has a general slope from west to east. Its subsea elevation drops from about 6,800 feet at El Segundo to 10,500 feet at the intersection of Western Avenue and Manhattan Beach Boulevard, a distance of about five miles. It appears that there may be a schist ridge or a series of low hills extending from El Segundo to the Alondra Area. The oil accumulations are found in the schist conglomerate highs overlying the schist. Seaboard Oil Company of Delaware well No. "Johnson" 1 is the only well in the producing area that has penetrated the full section of schist conglomerate. The conglomerate in this well has a thickness of 67 feet. The accumulations are very similar to those at Playa del Rey and El Segundo. In the latter field, however, production also is obtained from fractures in the upper 200 feet of the schist formation.

The variation in the gravity of the oil in the lower zone when the wells were completed indicated that the lower zone was divided into at least two separate areas. Further study, based chiefly on well performance, has indicated that Sunray Oil Corporation well No. "Elizabeth Smith" 1, in Sec. 21, may be in a third area rather than being part of what has been considered the southern area of the lower zone. This conclusion is based on the following facts:

<sup>1</sup> Reese, Richard G., State of California, Division of Mines, Bulletin 118, page 297.

1. Edwin W. Pauley well No. 83-20, Sec. 20, was originally drilled as a straight hole and was dry. Later the well was redrilled directionally to the north and obtained production. Sunray Oil Corporation well No. "Elizabeth Smith" 1, which was completed for 206 barrels of oil a day, is lower structurally than the original well No. 83-20.

2. The initial gravities of all but one well in the southern area have ranged from 54 to 63 degrees; whereas, the gravity of the "Elizabeth Smith" well has always been between 28 and 29 degrees.

3. The water cuts in the southern area have increased, and at the present time all but one well is cutting approximately 90 percent. The "Elizabeth Smith" well has had a gradual increase to approximately 45 percent.

From electric log interpretation, it has not been possible to find a fault which would isolate the "Elizabeth Smith" well. The contours and cross section A-A on Plate I show what seems to be a reasonable interpretation of the structure.

Because of the limited number of wells, there are insufficient logging points to permit very accurate contouring of either the top of the schist conglomerate or the top of the schist or to locate any faulting which may occur. The permeability in the producing zone varies widely because of poor sorting and silt, and it may be that permeability barriers occur in the oil zone and account for some of the anomalies. General Petroleum Corporation well No. "Powell" 1, in Sec. 21, is in what appeared to be a very favorable structural position but production at that location has not been commercial.

#### TECHNOLOGY

The fresh water deposits in the area were protected by cementing 11 $\frac{3}{4}$ -inch or 13 $\frac{3}{4}$ -inch casing at depths varying from 1,400 to 1,600 feet. No definite policy was established for cementing the water string. In some cases 7-inch or 5 $\frac{1}{2}$ -inch casing was cemented at the intended total depth of the hole. The water shut-off was tested through gun perforations above the schist conglomerate zone, and then the casing was gun-perforated for production at the desired interval. The other program was to drill to the total depth, set 7-inch or 5 $\frac{1}{2}$ -inch casing above the schist conglomerate zone and test the water shut-off through gun perforations before drilling out the shoe, then land a 5 $\frac{1}{2}$ -inch or 4 $\frac{1}{2}$ -inch perforated liner on bottom.

After the first few wells were drilled, it was evident that there was a variable water table and a very high-head water in the schist fractures, which was difficult to plug off. It was found best to drill only deep enough to ensure production and thus avoid, or at least postpone, bottom water trouble. Two of the wells were completed with only five feet of the oil zone open; and one of these, Seaboard Oil Company of Delaware well No. "Johnson" 3, has had the largest initial production and the second largest cumulative production to date of any well in the lower zone.

Part of the area has been unavailable for surface locations of wells because of a built-up subdivision, so some wells have been directionally drilled from an adjacent property and bottomed in the oil zone under the subdivision.



### PRODUCTION

The upper zone has produced a total of 1,176,744 barrels of oil and 1,978,330 Mef. of gas to March 31, 1951. The gravity of the oil has ranged from 27 to 32 degrees. The lower zone has produced a total of 765,314 barrels of oil and 3,563,261 Mef. of gas to March 31, 1951. All gravities in the lower zone now range from 27 to 29 degrees. The field totals are 1,942,058 barrels of oil and 5,541,591 Mef. of gas to March 31, 1951.

### ALONDRA AREA

The Alondra Area is in Los Angeles County on a direct line between the Dominguez and Lawndale oil fields,  $1\frac{1}{2}$  miles southeasterly from Lawndale. The producing area, roughly circular in shape and comprising approximately 50 acres, lies in the south half of Sec. 22, T. 3 S., R. 14 W.

Plate I shows the area, the wells mentioned in the text, and also the bottom-hole locations of the wells that were directionally drilled. Contours are shown on the top of the schist conglomerate, which is the producing zone. Plate II shows a cross section in the northern part of the area. Table I lists the wells that have been drilled in and adjacent to the productive area.

### HISTORY

Oil was first discovered in the Alondra Area in 1946. Several attempts to find oil had been made prior to this time. In 1929, The Hancock Oil Company of California drilled well No. "Alondra" 1 near the southeast corner of Sec. 22. This well was drilled to a depth of 6,069 feet. In 1936, Sovereign Oil Corporation acquired the property and redrilled the well to a depth of 8,766 feet. The well was renamed "Sovereign-Long" 1. Several showings of oil were recorded below 7,600 feet and production tests were made in the intervals from 7,612 to 7,812 feet and from 7,957 to 8,308 feet. However, the well was abandoned in 1936. In October 1936, Standard Oil Company of California drilled well No. "Bodger" 1 in the southwest corner of Sec. 22. The well was abandoned in very hard argillaceous sand at 8,044 feet.

Approximately  $1\frac{1}{4}$  miles east of the Alondra Area, The Ohio Oil Company drilled two wells which were bottomed in schist formation. Well No. "Gardena Community No. 6" 1, in the southwest corner of Sec. 24, was drilled in 1945. No nodular shale or conglomerate was present. The top of the schist was found at 10,535 feet and the well was drilled to 10,594 feet. The well produced a small amount of oil and large quantities of water from intervals of fractured shale and schist below 10,195 feet and was abandoned. Well No. "Gardena Comm. No. 4" 1, in the southeast quarter of Sec. 23, was spudded in February 1946 and was abandoned at a depth of 10,288 feet after penetrating 232 feet of schist.

In June 1946 The British-American Oil Producing Company spudded well No. "Bodger" 1, located near the center of Sec. 22. The well was drilled to a depth of 9,158 feet, and 8 $\frac{3}{8}$ -inch casing was cemented at 9,087 feet. A 5 $\frac{1}{2}$ -inch liner, with perforations from 9,083 to 9,152 feet, was landed at 9,153 feet. The well was completed on August 26, 1946, flowing at a daily rate of 897 barrels of 26.6-degree gravity oil with a 0.2 percent cut. The producing interval of 69 feet was composed

of oil sand and schist conglomerate. The next well drilled by The British-American Oil Producing Company was well No. "Alondra Park" 1. This well was directionally drilled to the southeast. The top of the oil sand and schist conglomerate was found at 9,227 feet; schist was found at 9,348 feet. The well was drilled to 9,408 feet and was unproductive. The Texas Company then started well No. "Texas-Seaboard Gardena Community" 9-1 in the northwest corner of Sec. 26. This well cored 437 feet of schist conglomerate before penetrating schist at 9,975 feet. No production was obtained, and the well was abandoned. The next well drilled in the area was The British-American Oil Producing Company well No. "British-American-Texas Bodger" 2. This well encountered oil sand and schist conglomerate at 9,198 feet and basement schist at 9,223 feet. A production test recovered only salt water, and the well was abandoned.

These failures definitely limited production on the south and west. The next two wells were drilled in the southeast quarter of Sec. 22 and obtained production. On the strength of these new completions, H. C. Christie drilled well No. "Johnson" 1 which was a dry hole. Further drilling by The British-American Oil Producing Company consisted of three dry holes, one producer which was directionally drilled and well No. "Alondra Park" 1 which was redrilled and directed into the producing zone. This well was renamed "Park-Bodger" 1. General Petroleum Corporation also drilled a dry hole in the southeast corner of Sec. 16. The producing area is controlled by The British-American Oil Producing Company and is entirely drilled up. Since the discovery of oil in 1946, 12 additional wells (including the redrilled well) have been drilled in the area, eight of which were dry holes. Two of the five producers are still flowing wells, and the other three were placed on the pump during the first six months of 1950. Water cuts have gradually increased and the present production is approximately 54 percent water.

#### STRATIGRAPHY

The Miocene section at Alondra varies from 3,200 to 3,300 feet in thickness, and the top of the schist conglomerate at the crest of the producing area is about 1,100 feet lower than at Lawndale. Otherwise, the stratigraphy of the two areas is very similar. South of Alondra, in the vicinity of well No. "Texas-Seaboard Gardena Community" 9-1, the schist falls away rapidly and there is a 437-foot section of schist conglomerate.

#### STRUCTURE

The structure is similar to the lower zone at Lawndale. The oil has accumulated in oil sand and schist conglomerate, forming a small hill, or dome, which is apparently cut off on the northwest by a fault that limits production in that direction.

#### TECHNOLOGY

Surface waters were protected by setting 1,000 feet of 13½-inch casing. The hole was then drilled to the intended total depth and 7-inch casing was cemented at the top of the oil sand and conglomerate. A water shut-off test was made through gun-perforations before drilling the



cement out of the shoe of the casing. The hole was then cleaned out to bottom and a 5-inch or 5½-inch liner, with perforations at the desired interval, was landed on bottom. The producing interval has ranged from 22 to 69 feet in thickness. All wells in the productive area have been completed flowing. Some wells have been directionally drilled, as part of the surface area is residential property.

#### PRODUCTION

The Alondra Area has produced a total of 1,028,821 barrels of oil and 597,964 Mcf. of gas as of March 31, 1951. The gravity of the oil ranges from 26 to 29 degrees. Reserves as of June 30, 1950, were estimated by The British-American Oil Producing Company to be 1,750,000 barrels of oil. Oil production since June 1950 amounted to 86,958 barrels leaving present reserves of approximately 1,663,000 barrels.

June 1, 1951

## THE TIP TOP AREA OF THE OJAI FIELD

By E. J. KAPLOW \*

### INTRODUCTION

The Tip Top Area is located in Ventura County, California, about 6 miles north of the city of Ventura at the westerly end of Sulphur Mountain. It lies in tract "O" of the Rancho Ex-Mission or in Sections 33 and 34, T. 4 N., R. 23 W., S. B. B. & M., projected as shown on the map. The area has been referred to as La Crosse, Fresno Canyon, and Tip Top. The latter name, taken from the name of one of the early operating companies, seems to be in most general use.

### HISTORY

In 1854, before the famous Drake well of Pennsylvania came in, oil was being collected from seepages and dug pits at the westerly base of Sulphur Mountain less than a mile west of the present producing area. Some of this oil was refined in crude stills for home use and shortly thereafter a Ventura merchant named George S. Gilbert did some refining on a commercial basis. The Philadelphia-California well, shown on the map, is reported to have been drilled in 1866. Some tunnels were dug also. Two old tunnels, with their mouths only partially closed with debris, may still be seen at the location shown on the map.

Four wells, about in line with the tunnels, were drilled between 1900 and 1908. Two of these were reported to have produced a small amount of oil but were apparently not commercial.

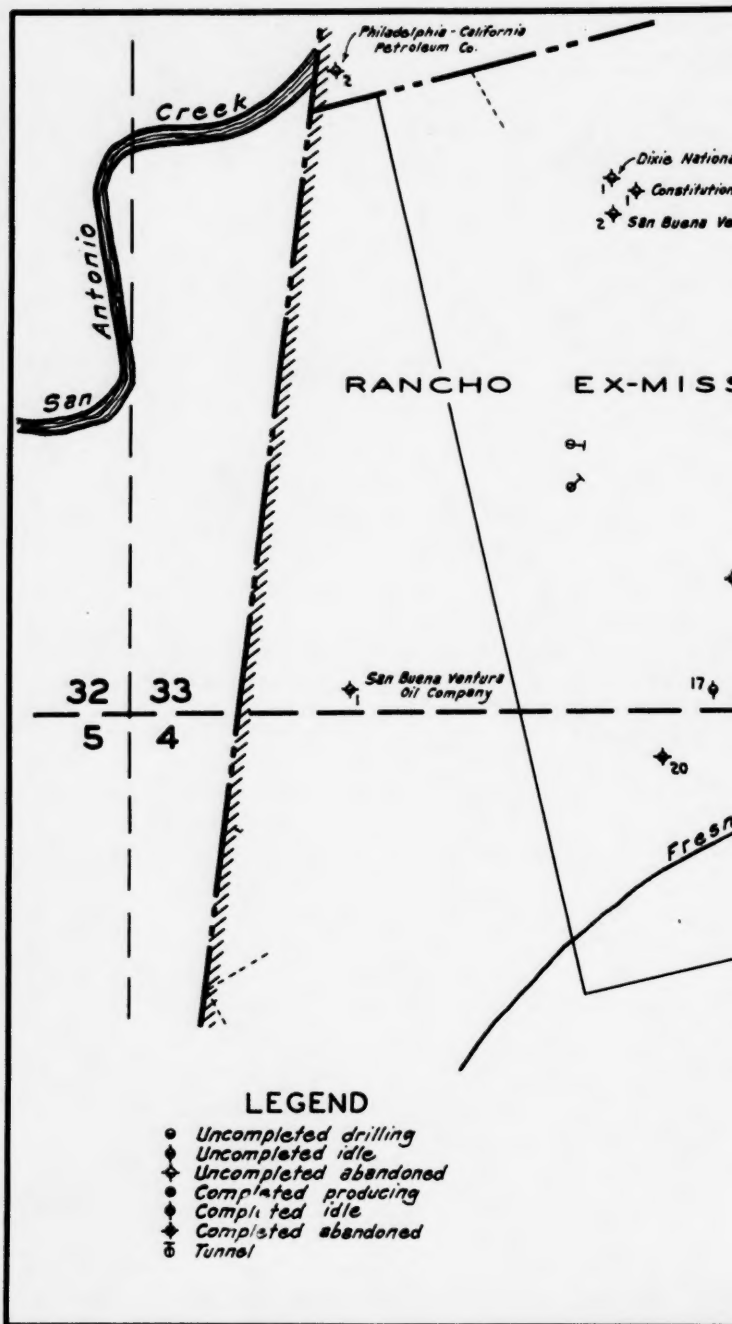
The discovery well was New Mexico Oil Co. (now E. L. Henthorn) well No. 1 in Section 33. It was spudded on January 10, 1918, and was completed on February 28 for 15 barrels per day of clean 29-degree gravity oil. Depth of the original completion is given as 153 feet. It was deepened later, first to 652 feet and by R. L. Hinckley in 1922 to 753 feet. Bottom water was encountered and the well was plugged back to 655 feet.

The years 1918 and 1919 were the most active in the development of the area, during which time 18 wells were drilled. Occasional wells were drilled from then on through 1935, and there has been no drilling since. As shown on the map the area consists of two accumulations or pools. In the westerly pool, notices to drill 27 wells have been filed but apparently wells No. 19 and 23 were never drilled. Of these, 18 wells were completed to production. Twelve wells were drilled and seven completed in the easterly pool. These figures do not include wells drilled prior to discovery.

Oil has been produced continuously since discovery with some recent minor interruptions. Wells in the easterly pool have been shut down more than those in the westerly pool. Cumulative oil production through December 31, 1950, amounts to 228,334 barrels. The highest

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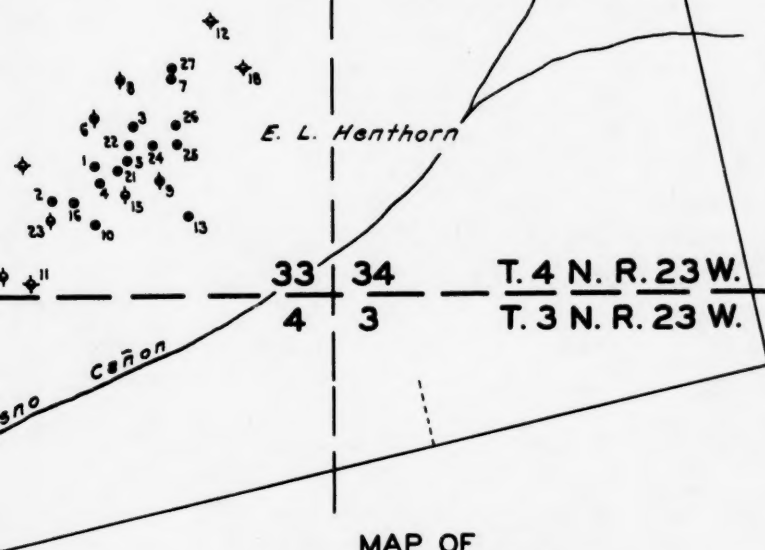
\* Deputy Supervisor, District No. 2.



# PLATE I.

ional Oil Co.  
 ional Oil Co.  
 Ventura Oil Co.

SSION DE SAN BUENAVENTURA



## MAP OF TIP TOP AREA OJAI OIL FIELD VENTURA COUNTY, CALIF.

ACCOMPANYING REPORT BY E. J. KAPLOW

DIVISION OF OIL & GAS  
 R.D. BUSH, STATE OIL & GAS SUPERVISOR

SCALE  
 0 1000 2000 3000 FT.

rate of production was in December 1918 when 3247 barrels of oil was produced or a little over 100 barrels per day.

Gas and water production has not been adequately reported. The area never produced much gas but at times when certain wet wells were being produced, the production of water amounted to as much as 80 per cent of the gross fluid produced.

#### DRILLING AND PRODUCTION PRACTICE

Nearly all the wells were drilled with cable tools. In the westerly area the drilled depths ranged from 298 feet to 5518 feet and the completion depths from 350 feet to 1298 feet with an average of 680 feet. In the easterly area both the drilled and completion depths ranged from 250 feet to 1270 feet with an average completion depth of 890 feet.

It was customary to land or cement casing only if shallow waters or caving conditions were found above top oil. Some of the well records report no casing at all. Most wells did use a small amount of casing above the oil zone, but perforated pipe was used in only two wells through the oil zone, nearly all the wells being completed "barefoot." Bottom water could generally be expected at about the average well depths given above. This water was apparently troublesome and had to be plugged off.

There were apparently no flowing well completions. Initial productions, as reported, varied from 3 to 33 barrels per day except well No. 5 in Section 33, for which an initial of 330 barrels per day was reported. However, subsequent production reports do not seem to substantiate such a good completion. Gravity of the oil varied from 20 to 29 degrees A.P.I. with the Section 34 wells averaging about 3 degrees higher than those in Section 33.

#### GEOLOGY AND UNDERGROUND CONDITIONS

Miocene beds, covered by soil and bench gravels, are found at the surface in this area. The beds, classified as Santa Margarita, dip rather steeply to the southeast. Some geologists map a fault to the east and others note a minor anticline to the west either of which might have some bearing on the accumulation. The writer inclines to the belief that the oil is indigenous in the Miocene beds and was retained probably because of some sort of bituminous seal and lack of sufficient water drive to flush all the oil out. The well logs afford little help in determining the geology, generally showing brown shale with irregular occurrences of oil and water. The oil occurs probably in fractures and thin seams of sand as in other areas of the Ojai field.

Wells No. 11 and 13 were drilled to 1775 feet and 1800 feet, respectively, but well No. 20 in Section 4 was the only deep test. It was drilled in 1929 by California Ventura Oil Company to a depth of 5518 feet. Only minor shows of oil and gas were encountered and it was abandoned without ever being placed on production. The log filed does not give much diagnostic information. A record in the files of one of the major operators states that the well probably bottomed in Vaqueros shale. Allowing for differences in nomenclature, this may be what is now more generally known as Rincon shale.

## **RESUME OF OIL FIELD OPERATIONS IN 1950**

By R. D. BUSH

### **PRODUCTION**

The total production in the State for the last six months of 1950 was 172,671,281 barrels of oil and 265,142,079 barrels of water. The production of oil for the year 1950 was therefore 331,091,335 barrels, a decrease of 5,011,120 barrels as compared with that of 1949.

The production of oil for the second half of 1950 was 14,251,227 barrels more than the first half. Water production increased 20,113,129 barrels during the same period. Summarized production records for the five districts over six months periods of 1949 and 1950 are given in Table A.

Table I gives the segregated data of production of clean oil and water in various fields of the State for the semi-annual period closing December 31, 1950. These data are compiled by the district offices of the Division of Oil and Gas from the monthly production reports, giving the individual well productions, filed with the State Oil and Gas Supervisor by all producing companies.

Table II shows the average daily oil production and average daily production and disposition of natural gas by fields monthly for the second half of 1950.

Table III gives the estimate of known gas reserves of the State as of July 1, 1950 and January 1, 1951. As a result of further study re-estimates have been made for several fields as of July 1, 1950 and estimates made for some fields not previously included.

### **STORAGE AND PRICE CHANGES**

The total crude oil and refined petroleum in storage in Pacific Coast territory at the end of 1950 was 91,966,000 barrels according to American Petroleum Institute. This is a decrease in storage for the year 1950 of 28,079,000 barrels, compared with an increase of 20,578,000 barrels during 1949. Four increases in prices paid for crude oil were made during 1950, the first occurring on June 29 and the final one on December 12. The first three increases affected only the gravities between 14 and 25 degrees, but the last provided price increases for all grades of crude ranging from three cents per barrel for the highest gravities to 25 cents per barrel for oil of 14-degree gravity and under. The total price increase during the year for low-gravity crude amounted to 60 cents per barrel.

### **DRILLING AND DEVELOPMENT**

During 1950, 1831 wells were reported to the State Oil and Gas Supervisor as ready to drill as compared with 2377 wells in 1949. Three oil fields were discovered, two in Los Angeles County designated Castaic Junction and Honor Rancho, respectively, and Morales field in the Cuyama Valley of San Luis Obispo County. No new gas fields were discovered.

In addition to the above there were several minor discoveries, and extensions to existing fields, the importance of which are either negligible or cannot yet be evaluated with one exception. There was a notable extension of Rio Vista Gas field to the northeast that was a major factor in the 3,000-acre increase in proved acreage during the year.

TABLE A  
PRODUCTION BY DISTRICTS

District	1950						1949					
	January-June			July-December			January-June			July-December		
	Oil	Water		Oil	Water		Oil	Water		Oil	Water	
No. 1.....	*62,551,917	76,764,242		68,130,845	70,981,712		64,851,010	77,926,101		65,642,689	77,967,428	
No. 2.....	16,305,000	2,444,552		17,490,084	3,577,141		16,877,233	3,571,382		17,561,493	3,513,809	
No. 3.....	*14,704,190	*13,269,810		18,625,375	18,438,268		14,004,293	14,391,188		13,263,551	13,544,165	
No. 4.....	*41,809,427	*133,249,515		45,384,588	145,445,764		50,217,220	139,775,324		44,549,072	133,329,167	
No. 5.....	22,739,611	18,250,327		22,940,389	20,709,194		25,478,108	18,012,132		23,656,876	18,546,872	
Totals.....	158,420,054	245,028,950		172,671,281	265,142,079		171,428,774	253,477,217		164,673,681	246,801,441	
Yearly totals.....	172,671,281	265,142,079					164,673,681	246,801,441				
	331,091,335	510,171,029					336,102,455	500,278,658				

District	1950						1950					
	Notices filed, new wells		Drilling wells, Dec. 31, 1950		Proposals to abandon		Total oil produced (bbl.)		Total water produced (bbl.)		Total net gas produced (Mcf.)	
					Former producing wells	Dry holes						
No. 1.....	673	60			107	87	130,682,662	156,765,954	131,572,188			
No. 2.....	143	36			13	35	34,205,093	7,021,987	61,428,967			
No. 3.....	287	29			13	111	33,329,555	28,725,078	21,588,533			
No. 4.....	553	48			79	179	87,194,015	278,695,279	77,686,244			
No. 5.....	175	18			34	81	45,680,000	38,959,721	272,790,306			
Totals.....	1,831	191			246	493	331,091,335	510,171,029	565,026,238			

\* Revised figure.



## SUMMARY OF OPERATIONS—OIL FIELDS

23

TABLE I  
PRODUCTION STATISTICS OF CALIFORNIA OIL FIELDS—JULY 1 TO DECEMBER 31, 1950

Field	Average number of producing wells		Oil (bbl.)	Water including water in emulsion (bbl.)	Cumulative production of oil (bbl.)	Production per well per producing day		Percentage water	Percentage of time wells produced	Proved acreage	
	Actual	Potential				Barrels				As of Dec. 31, 1950	Maximum
						Oil	Water				
Durr, 1—Alison Canyon	55	72	787,835	80,318	11,705,354	87.1	8.9	9.3	89.4	890	890
Beverly Hills.....	2	2	12,446	31,797	4,102,892	39.4	100.6	71.9	85.9	15	120
Brea-Olinda.....	436	591	2,649,768	1,941,191	208,729,191	34.0	24.9	42.3	97.0	1,598	1,748
Coyote, East.....	223	257	1,097,459	1,204,427	63,615,293	27.6	30.3	52.3	96.9	1,300	1,520
Coyote, West.....	292	315	1,940,805	3,076,943	168,774,749	37.3	59.1	61.3	96.3	1,003	1,048
Del Valle.....	54	58	689,825	699,843	13,098,337	73.4	64.9	46.9	94.6	645	665
Dominguez.....	346	381	2,295,405	2,737,203	187,856,599	37.0	44.1	54.4	97.5	1,285	1,440
El Segundo.....	18	25	49,063	369,932	12,289,825	15.1	112.9	88.2	98.1	330	773
East Zone*	2	6									
Flamingo Beach.....	1,210	1,432	10,806,597	7,409,764	458,449,609	50.1	34.3	40.7	96.9	4,175	4,453
Flamingo.....	388	411	2,469,540	6,095,219	175,416,611	36.5	88.6	70.9	94.8	945	970
Indiavale.....	11	11	95,113	552,531	1,901,528	52.8	306.6	85.3	89.0	100	128
Long Beach.....	1,144	1,304	4,251,756	15,775,597	178,933,731	20.9	77.4	78.8	96.8	1,223	1,558
Los Angeles City.....	89	90	38,546	157,465	20,362,023	2.5	10.0	80.3	96.0	250	760
Los Angeles, East.....	17	17	308,685	206,298	2,006,692	100.8	68.4	40.4	97.9	160	180
Montebello.....	337	388	1,077,392	6,701,292	155,418,298	18.0	111.9	86.1	96.6	1,355	1,590
Newhall.....	18	90	14,399	5,563	5,997,262	5.1	3.1	37.3	84.7	310	570
Newhall-Potrero.....	76	102	1,480,635	77,326	22,881,328	113.9	5.9	5.0	93.0	1,075	1,075
Newport.....	0	6	0	0	166,562	0.0	0.0	0.0	0.0	30	175
Newport, West.....	185	212	877,732	543,347	11,260,297	26.7	16.5	38.2	96.5	863	923
Ona Zone*	0	1									
Oak Canyon.....	20	21	310,757	39,571	4,961,118	88.6	11.3	11.3	95.3	260	270
Phacelia.....	301	315	2,520,709	221,990	111,062,630	46.8	4.1	8.1	97.3	560	615
Playa del Rey.....	113	148	306,443	2,695,944	53,344,220	15.1	133.1	89.8	97.4	455	580
Potrero.....	38	43	183,693	299,642	7,520,812	26.9	43.9	62.0	97.6	285	325
Richfield.....	352	389	1,211,696	1,321,696	117,007,055	19.4	21.1	52.2	96.6	1,300	1,523
Rosecrans.....	208	241	929,246	1,129,771	47,224,437	25.1	30.5	54.9	96.6	910	1,045
Salt Lake.....	6	7	37,550	241,811	43,209,443	33.3	214.2	86.6	100.0	15	905
Santa Fe Springs.....	525	611	1,687,785	11,621,165	533,979,012	28.6	123.9	81.2	97.1	1,040	1,440
Seal Beach.....	211	228	2,191,983	5,205,619	122,454,204	86.1	70.4	70.4	95.6	620	690
Torrance.....	749	830	1,291,531	1,412,154	129,648,002	9.7	10.6	52.2	97.1	4,618	5,798
Turnbull.....	5	5	12,860	23,239	32,666,101	13.1	27.4	64.4	92.3	55	75
Whittier.....	211	211	495,264	495,264	22,821,574	22.3	24.4	32.4	96.7	803	823
Winnington.....	2,154	2,398	24,931,819	7,695,175	350,749,005	63.6	20.6	23.5	96.7	5,785	5,760

TABLE 1—Continued  
PRODUCTION STATISTICS OF CALIFORNIA OIL FIELDS—JULY 1 TO DECEMBER 31, 1950

Field	Average number of producing wells		Oil (bbl.)	Water including emulsion (bbl.)	Cumulative production of oil (bbl.)	Production per well per producing day		Percentage water	Percentage of time wells produced	Proved acreage	
	Actual	Potential				Oil	Water			As of Dec. 31, 1950	Maximum
Dist. 1—Continued											
Los Angeles County:											
Alondra Area.....	5	5	56,926	85,939	1,001,789	69.8	100.0	58.9	93.4	50	50
Castaic Area.....	2	2	36,671	8,520	36,787	112.8	27.1	19.4	88.3	20	20
East Dominguez Area.....	1	1	3,461	12,243	40,193	19.0	67.3	78.0	98.9	10	10
Hyperion Area.....	2	4	5,682	1,104	155,698	30.7	6.0	16.3	98.9	40	40
Leffingwell Area.....	1	1	315	1,054	20,331	3.5	11.8	77.0	48.4	10	10
Puente Area.....	1	2	960	222	10,107	6.3	1.5	18.8	83.2	10	20
Northwest Rosecrans Area.....	1	1	810	99	43,847	4.5	0.6	10.9	97.8	10	30
Simi Area.....	2	2	2,858	439	5,344	8.8	1.3	13.2	89.4	16	16
Watts Heights Area.....	2	3	1,475	23	30,257	5.3	0.1	1.3	75.8	20	40
Orange County:											
Buena Park Area.....	1	1	3,483	26,091	237,667	19.1	143.4	88.2	98.9	10	30
Talbert Area.....	1	1	1,356	608	24,632	7.5	3.3	31.0	98.9	10	10
San Bernardino County:											
Chino Hills Area <sup>a</sup> .....	1	1	2,023	22	52,980	10.9	0.1	1.1	100.0	10	10
Chino-Mahala Area.....	4	4	0	0	21,124	0.0	0.0	0.0	0.0	10	10
District totals.....	9,729	11,236	68,130,845	79,981,712	3,890,393,127	39.4	46.3	54.0	96.5	34,365	40,730
Imperial Carbon Dioxide Gas <sup>b</sup> .....	18	40								310	630
Dist. 2—Continued											
Bardale.....	217	251	467,291	140,675	19,817,860	12.2	3.7	23.1	96.0	1,100	1,190
Coejuelo.....	1	1	160	100	102,160	32.0	20.0	38.5	2.7	10	95
Montalvo, West.....	9	9	130,791	6,984	734,593	83.2	4.4	5.0	94.9	340	340
Ojai.....	61	116	27,145	18,970	4,061,442	3.2	2.3	41.1	74.9	760	865
Oxnard.....	8	12	237,902	5,516	3,542,499	182.0	4.2	2.3	88.8	230	230
Piru.....	88	113	115,995	93,278	7,706,620	8.6	6.9	44.6	83.4	385	630
Ramona.....	106	109	462,551	468,332	7,865,889	45.0	3.6	7.3	98.3	4,565	4,570
Rincon.....	258	279	3,589,400	697,606	62,670,448	81.5	15.8	16.3	92.8	1,745	1,770
Santa Paula.....	40	53	86,357	41,452	2,565,312	10.5	7.4	41.5	75.7	275	485
Serpe.....	34	42	43,149	38,877	3,720,880	8.5	7.9	48.0	80.9	270	655
Simi.....	98	103	1,014	9,013	2,444,831	2.7	9.9	27.3	97.8	965	965
South Mountain.....	223	233	1,825,835	109,881	30,315,198	32.0	9.1	32.0	98.4	1,515	1,515
Tehachas.....	22	22	62,853	169,881	3,315,198	23.0	42.2	64.7	99.5	1,170	1,170
Ventura.....	712	779	10,651,722	2,183,966	397,206,897	93.3	19.1	17.0	87.2	2,810	2,810

Ventura County: South Tapo Canyon Area.										
1	2	85	570	541	8.5	57.0	87.0	2.7	10	10
District totals.....										
1,844	2,094	17,560,084	3,577,141	552,888,274	57.4	11.7	16.9	90.3	10,755	12,015
Dist. 3—Arroyo Grande.....										
29	50	35,803	196,137	1,604,890	7.4	41.0	84.6	90.6	350	600
71	75	304,370	2,471,897	14,348,579	28.7	194.9	87.2	97.1	1,110	1,690
17	196	43,657	126,416	1,231,466	14.1	40.8	74.3	99.2	1,230	2,380
217	314	3,091,723	2,978,399	-69,304,872	83.3	80.3	49.1	92.9	3,430	3,810
19	11	1,076,615	87,926,283	87,926,283	90.8	185.5	67.1	93.4	310	310
11	11	868,288	954,564	18,117,211	100.3	110.3	52.4	88.7	1,960	12,160
53	6	3,948	21,914	3,630,933	4.8	26.5	84.7	89.9	6	200
1	1	289	13	63,044	17.0	0.8	4.3	9.2	10	70
13	14	206,658	7,023	251,535	102.3	3.5	3.3	84.5	160	160
239	322	3,859,770	1,483,735	110,567,790	16.8	39.1	70.0	86.2	13,610	14,630
136	146	3,859,642	493,920	15,645,271	157.5	20.1	11.3	98.6	1,180	1,180
69	61	110,565	1,893	789,142	92.8	1.5	1.6	31.0	880	880
22	501	2,285,460	4,340,772	101,731,041	30.3	58.1	65.7	93.6	6,250	6,410
158	179	5,433,264	87,071	9,763,062	194.7	3.1	1.6	96.0	2,480	2,480
1	1	2,420	1,149	3,199,372	4.4	2.1	32.2	74.0	100	260
2	2	555,997	58,461	2,187,301	220.7	23.2	9.5	80.5	280	280
17	23	0	0	686	10.0	0.3	3.3	76.4	10	10
1	1	2,821	95	6,353	15.6	9.3	85.9	50	50	50
2	3	18,254	4,300	18,254	139.3	32.8	19.1	71.2	10	10
6	6	14,828	1,514	41,265	15.6	1.6	19.1	71.2	60	100
1	1	18,254	4,300	20,112	73.9	61.2	45.3	91.8	23,136	26,390
District totals.....										
1,494	2,028	18,025,375	15,423,268	455,451,632	73.9	61.2	45.3	91.8	23,136	26,390
Dist. 4—Antelope Hills.....										
30	33	203,098	733,460	4,574,341	56.0	209.2	79.4	65.7	295	295
31	35	122,905	421,091	2,144,931	22.1	75.8	97.3	97.3	295	305
32	143	405,466	263,467	58,447,528	56.9	30.3	34.8	91.0	1,865	1,905
590	1,123	1,183,191	1,194,144	49,438,448	12.0	12.1	50.2	90.6	7,585	7,700
22	28	14,227	155,391	369,865	3.8	41.9	91.6	88.5	1,860	200
1	1	2	46,384	10,470,027	103.7	4.2	4.0	93.9	1,360	1,360
1	2	321,566	55,201	15,216,482	64.4	11.1	14.7	90.4	80	1,720
30	39	405,422	96,074	1,381,658	105.8	25.1	19.2	99.3	780	780
21	22	405,422	118,639	65,434,359	144.9	5.6	3.8	97.9	380	380
118	138	3,081,121	118,639	10,470,027	144.9	5.6	3.8	97.9	3,460	3,460
0	3	1,146,775	46,384	10,470,027	103.7	4.2	4.0	93.9	3,230	3,230
64	71	2,371,793	4,484,524	139,391,935	38.0	71.9	65.5	92.3	2,460	2,460
367	443	1,217,793	4,484,524	139,391,935	38.0	71.9	65.5	92.3	2,460	2,460
19	41	26,756	65,638	237,075	8.6	21.2	71.1	90.5	270	370
423	423	2,388,322	3,181,246	38,883,322	34.8	46.9	57.4	94.2	3,575	3,740
391	423	2,388,322	3,181,246	38,883,322	34.8	46.9	57.4	94.2	3,575	3,740
157	737	1,249,601	2,555,077	204,196,027	63.7	130.2	67.2	68.0	17,730	17,850
14	6	Gas Zone*								

TABLE 1—Continued  
PRODUCTION STATISTICS OF CALIFORNIA OIL FIELDS—JULY 1 TO DECEMBER 31, 1950

Field	Average number of producing wells		Oil (bbl.)	Water including water in emulsion (bbl.)	Cumulative production of oil (bbl.)	Production per well per producing day		Percentage water	Percentage of time wells produced	Proved acreage	
	Actual	Potential				Oil	Water			As of Dec. 31, 1950	Maximum
Dist. 4—Continued											
Prattville	221	273	1,532,475	2,570,511	49,686,319	40.9	68.8	62.8	92.1	2,320	2,545
Greely	91	102	2,013,552	1,017,926	46,273,517	134.0	66.4	33.2	91.0	1,950	2,000
Kern Bluff	109	114	317,062	755,803	1,911,764	16.3	39.3	70.7	96.8	485	400
Kern River	641	710	1,345,565	5,310,526	73,914,861	11.8	46.7	79.8	96.4	4,225	4,240
Lost Hills	2,439	2,933	2,014,003	26,666,867	307,361,146	4.8	63.6	93.0	93.4	8,165	8,215
McDonald Anticline	586	663	1,009,080	4,126,856	66,555,485	9.6	39.3	80.4	97.6	3,230	3,390
McKittrick-Tumbler	19	23	80,678	150,725	459,810	23.9	44.6	65.2	97.7	190	200
Midway-Sunset	211	321	758,060	2,424,450	98,736,937	22.0	70.4	76.2	88.8	1,420	1,560
Midway-Sunset	3,682	4,598	12,085,245	19,299,833	11,148,220,518	19.2	30.6	61.5	93.1	743,605	818,060
Buena Vista Gas Zone*	3	37	1,893,079	38,507,817	109,260,590	19.5	400.0	95.7	98.1	3,090	3,325
Mount Paso	538	578	2,975,363	38,604,185	152,360,361	27.5	34.9	59.7	97.0	2,775	2,775
Mountain View	168	213	2,996,886	128,136	31,167,563	14.1	6.7	4.2	97.0	4,470	6,420
Paloma	127	152	2,996,886	128,136	31,167,563	14.1	6.7	4.2	97.0	4,470	6,420
Gas Zone*	0	5	513,691	2,692,570	114,990,563	17.7	74.2	84.0	90.7	2,045	2,085
Paso Creek	218	258	1,893,953	698,923	55,296,479	113.7	42.0	27.0	97.3	1,910	1,930
Rio Bravo	93	100	1,079,022	24,497,906	60,476,946	17.1	35.7	95.8	97.6	2,390	2,425
Round Mountain	352	370	1,079,022	24,497,906	60,476,946	17.1	35.7	95.8	97.6	2,390	2,425
Semitropic Gas*	2	3	189,639	346,120	6,833,038	55.7	101.5	64.6	93.9	500	3,510
Strand	20	20	389,492	430,402	4,791,814	23.5	26.0	52.5	95.8	1,055	1,065
Tajon	94	101	394,270	207,911	915,782	35.3	18.6	34.5	94.8	590	590
Tajon Hills	64	78	1,016,505	400,319	48,638,209	50.8	20.1	28.3	94.5	1,870	1,910
Ten Section	115	132	1,016,505	400,319	48,638,209	50.8	20.1	28.3	94.5	1,870	1,910
Trico Gas*	2	80	42,600	132,118	4,891,456	82.4	255.5	75.7	94.6	910,348	910,348
Wheeler Bridge	3	46	141,983	26,639	5,171,135	14.0	2.6	13.8	96.9	415	475
Kern County:	57	57	141,983	26,639	5,171,135	14.0	2.6	13.8	96.9	415	475
Antelope Hills Area, North	1	4	7,678	2,518	8,485	112.9	37.0	24.7	37.0	60	60
Ant Hill Area, South	0	1	0	0	1,215	0	0	0	0	0	10
Bellvue Area	3	3	39,434	80,185	872,929	72.6	147.7	67.1	99.9	60	60
Calders Corner Area	3	3	22,872	7,370	96,907	43.8	14.1	24.4	94.6	50	50
Chico-Martinez Area	1	1	909	533	57,901	4.7	2.7	37.0	87.7	30	40
Dyer Creek Area	1	1	1,134	35,888	31,366	6.3	200.5	97.3	97.3	10	20
Jasmine Area	8	9	24,308	115,466	215,051	18.3	87.0	82.7	90.1	80	80

# SUMMARY OF OPERATIONS—OIL FIELDS

27

District totals.....										154,923
11,761	15,085	1045,354,588	145,445,764	12,679,313,397	22.4	71.9	93.5	142,758	10	40
District totals.....										
2	2	2	2	2	2.2	76.2	93.5	40	40	40
1	5	5	5	5	18.7	55.7	94.9	300	300	300
1,380	1,868	3,594,704	4,516,504	445,545,673	14.9	55.7	94.9	16,918	17,851	17,851
3	8	8	8	8	326.8	47.6	96.7	820	820	820
132	229	8,402,469	7,675,118	200,042,939	360.3	47.6	96.7	4,200	4,510	4,510
1	5	5	5	5	188.4	10.5	96.3	460	540	540
3	10	10	10	10	188.4	10.5	96.3	540	540	540
79	80	2,635,680	308,642	8,410,364	188.4	10.5	96.3	1,250	1,250	1,250
71	94	545,726	1,016,127	11,186,914	46.6	86.8	65.1	4,140	4,525	4,525
110	120	707,577	288,529	13,026,310	36.0	14.7	96.3	2,530	2,530	2,530
2	2	30,371	36,319	735,029	83.4	99.8	94.5	80	180	180
322	443	5,109,280	4,275,655	372,697,512	89.1	74.6	96.7	13,075	13,390	13,390
6	10	6	6	6	730	730	730	1,450	1,450	1,450
4	4	4	4	4	840	840	840	850	850	850
7	7	7	7	7	1,130	1,130	1,130	1,130	1,130	1,130
6	6	6	6	6	1,130	1,130	1,130	1,130	1,130	1,130
12	12	12	12	12	1,130	1,130	1,130	1,130	1,130	1,130
3	3	3	3	3	1,130	1,130	1,130	1,130	1,130	1,130
2	2	2	2	2	1,130	1,130	1,130	1,130	1,130	1,130
22	25	405,901	413,319	8,735,928	128.8	107.3	95.1	430	500	500
23	27	34,508	31,719	651,202	8.2	7.6	99.3	150	150	150
71	77	837,899	1,432,566	8,871,469	68.9	126.1	83.0	1,275	1,320	1,320
147	173	358,277	425,738	9,094,040	49.3	58.6	93.9	1,251,180	1,251,180	1,251,180
42	52	42	42	42	1,200	1,200	1,200	1,630	1,630	1,630
1	1	1	1	1	20	20	20	60	60	60
1	1	1	1	1	60	60	60	4,960	4,960	4,960
3	3	3	3	3	175	175	175	100	100	100
8	10	8	8	8	20	20	20	420	420	420
2	2	2	2	2	20	20	20	20	20	20
2	2	2	2	2	20	20	20	20	20	20
2	2	2	2	2	20	20	20	20	20	20
3	3	3	3	3	20	20	20	20	20	20
1	1	1	1	1	20	20	20	20	20	20
4	4	4	4	4	20	20	20	20	20	20
8	8	8	8	8	20	20	20	20	20	20
0	0	0	0	0	20	20	20	20	20	20
1	1	1	1	1	20	20	20	20	20	20
1	1	1	1	1	20	20	20	20	20	20
0	0	0	0	0	20	20	20	20	20	20
0	0	0	0	0	20	20	20	20	20	20
7	7	7	7	7	20	20	20	20	20	20

TABLE I—Continued  
PRODUCTION STATISTICS OF CALIFORNIA OIL FIELDS—JULY 1 TO DECEMBER 31, 1950

Field	Average number of producing wells		Oil (bbl.)	Water including water in emulsion (bbl.)	Cumulative production of oil (bbl.)	Production per well per producing day		Percentage water	Percentage of time wells produced	Proved acreage	
	Actual	Potential				Barrels	Water			As of Dec. 31, 1950	Maximum
Dist. 5—Continued											
Kings County:											
Hanford Area.....	1	1	3,223	534	3,223	51.2	8.5	14.2	41.7	10	10
Trico Area, Northwest*	1	2								40	40
Madera County:											
Chowchilla Area*	0	3								80	80
Moffatt Ranch Area*	2	2								40	40
San Joaquin County: Galt Area*	1	1								20	20
Solano County: Duverton Area*	1	1								20	40
Sonoma County:											
Petaluma Area.....	1	2	365	45	7,777	2.5	0.3	11.0	78.8	50	50
Gas Zone*	0	2									
Tehama County: Corning Area*	0	9								450	450
Yolo County: Pleasant Creek Area*	0	2								120	120
District totals.....	2,272	3,042	22,940,389	20,709,194	1,080,371,055	57.7	52.0	47.4	95.2	85,513	88,311
Grand totals.....	27,100	33,485	172,671,281	265,142,079	8,664,417,485					266,557	322,366
Abandoned fields.....					1,116,079						536
State total.....					8,665,533,564						322,925

\* Dry gas wells omitted from well totals.

† Not included in totals.

‡ Revised figure.

§ Adjusted figures: 957 bbl. cumulative production to June 30, 1950, transferred from Chino-Mahala area to Chino Hills area.

|| New area.

¶ Includes 273,037 bbl. of oil and 14,331 bbl. of water produced in Los Angeles County portion of Ramona field.

§ Includes 310 acres in Los Angeles County, District No. 1.

|| Includes 315 acres in Los Angeles County, District No. 1.

¶ Includes 65 acres in San Luis Obispo County, District No. 3.

|| Includes 120 acres in San Luis Obispo County, District No. 3.

¶ Includes 1000 acres in Kings County, District No. 5.

|| Includes 1,727,132 bbl. condensate from South Coles Levee and Paloma.

¶ Formerly in Abandoned Fields and Areas, reactivated.

|| Includes 953 acres in Contra Costa County, District No. 3.

## SUMMARY OF OPERATIONS—OIL FIELDS

29

## ABANDONED FIELDS AND AREAS

	Cumulative production		Proved acreage maximum
	Oil fields (bbl.)	Gas fields (Mcft.)	
Durr. 1—Los Angeles County:			
Lancroth Area.....	54,829		10
La Mirada Area.....	20,571		10
Ramona Area.....	1,606		10
Rowland Area.....	1,585		10
Durr. 3—Santa Barbara County:			
Goleta Field.....	140,281		50
Refugio Area (gas).....	783,759	95,298	10
Santa Clara County: Sargent Field.....	11,470		140
San Luis Obispo County: Hueneme Area.....	41,330		10
San Mateo County: Half Moon Bay Area.....			150
Durr. 4—Kern County:			
Antelope Valley.....	55	35,376	10
Faines Area (gas) <sup>1</sup> .....	695		5
Carrizo Area.....	3,871		10
Northeast Edison Area.....	3,871		10
Grapewine Area.....	54,651		60
McKittrick Area.....		300,738	20
Shafter Area.....			
Durr. 5—Solano County: Honker Area (gas)			
Totals.....	1,116,079	431,462	536

<sup>1</sup> Abandoned in September, 1949.<sup>2</sup> Abandoned in June, 1950.



**TABLE II**  
**AVERAGE DAILY BBL. OIL AND AVERAGE DAILY FORMATION GAS PRODUCTION AND DISPOSITION, MCF.—JULY 1 TO DECEMBER 31, 1950**

Field	JULY					AUGUST					SEPTEMBER				
	Oil Produced	Gas			Blown to air	Oil Produced	Gas			Blown to air	Oil Produced	Gas			Blown to air
		Net produced	Used				Net produced	Used				Net produced	Used		
Durr. 1—Aliso Canyon.	3,869	3,250	3,006	244		4,104	3,185	3,091	94		4,051	3,096	3,087	9	
Beverly Hills.	1,815	12,069	11,978	112		14,494	13,260	12,987	273		14,428	13,369	13,123	246	
Brea.	14,737	3331	3331	0			3,368	3,368	0			13,447	13,447	0	
Gas Storage.															
Coyote, East.	5,768	4,182	4,137	15		5,561	4,107	4,038	69		5,677	4,354	4,294	60	
Coyote, West.	10,549	15,478	15,448	30		10,795	13,763	13,745	18		10,653	13,220	13,216	4	
Del Valle.	3,422	11,929	11,814	115		3,510	12,603	12,560	43		3,988	12,816	12,780	36	
Dominguez.	12,606	17,842	17,804	38		12,265	17,493	17,475	18		12,452	17,512	17,495	17	
El Segundo.	307	164	151	13		246	161	148	13		220	160	150	10	
Gas Zone.		126	126	0			122	122	0			120	120	0	
Huntington Beach.	54,899	42,342	42,317	25		56,337	43,131	43,106	25		55,517	44,346	44,277	69	
Inglewood.	13,299	9,679	9,664	15		13,049	9,485	9,481	4		13,060	10,308	10,298	10	
Lawndale.	23,680	21,733	21,733	0		23,582	21,458	21,458	0		23,193	20,974	20,967	7	
Long Beach.	203	0	0	0		231	0	0	0		204	0	0	0	
Los Angeles City.	1,682	2,710	2,232	478		1,767	3,144	2,664	480		1,769	3,032	2,455	547	
Los Angeles, East.	5,906	7,731	7,501	230		5,871	7,507	7,460	47		5,921	7,239	7,220	19	
Montebello.	71	54	28	26		73	56	29	27		73	54	27	27	
Newhall.	7,732	4,158	4,158	0		7,997	3,794	3,794	0		8,249	3,965	3,965	0	
Newhall-Potrero.	0	0	0	0		0	0	0	0		0	0	0	0	
Newport.	0	1,093	1,093	0		0	1,033	1,033	0		4,774	944	934	10	
Newport, West.	4,955	0	0	0		4,859	0	0	0		0	0	0	0	
Gas Zone.															
Oak Canyon.	1,709	2,166	2,144	22		1,718	2,188	2,181	7		1,720	2,132	2,116	16	
Piacentia.	14,866	1,744	1,704	540		14,733	1,033	1,033	822		14,109	1,561	1,561	761	
Playa del Rey.	1,694	1,693	1,693	0		1,549	1,398	1,398	0		1,781	1,499	1,499	0	
Del Rey Hills Gas Storage.															
Pomona.	1,135	15,932	15,932	0		1,120	14,830	14,830	0		1,038	14,873	14,873	0	
Richtfield.	6,825	5,595	5,504	22		6,592	5,486	5,472	14		6,475	5,351	5,338	13	
Rosemead.	5,190	14,877	14,850	27		5,179	13,021	14,975	46		5,094	15,141	15,132	9	

## SUMMARY OF OPERATIONS—OIL FIELDS

31

	206	0	0	0	201	0	0	0	0	0	203	0	0	0	0	0
Salt Lake.....	14,648	13,566	13,563	13,753	14,675	3	3	13,741	13,741	12	14,564	13,968	13,960	18	0	0
Santa Fe Springs.....	11,921	11,285	11,296	11,572	12,158	19	19	11,572	11,572	20	11,670	11,582	11,589	19	0	0
Seal Beach.....	7,118	4,330	4,323	4,113	7,093	30	30	4,107	4,107	28	6,979	4,110	4,103	28	0	0
Torrance.....	2,112	1,297	837	1,424	2,036	483	483	873	873	555	2,432	1,528	912	612	0	0
Turnbull.....	125,806	133,916	133,853	142,891	130,251	63	63	142,811	142,811	80	133,933	149,543	149,479	64	0	0
Whittier.....																
Los Angeles County:																
Alondra Area.....	342	249	244	228	304	5	5	228	228	0	330	233	233	0	0	0
Castaio Area.....	1	6	0	98	133	6	6	98	98	0	255	171	171	0	0	0
East Dominguez Area.....	19	30	16	14	20	14	14	19	18	19	28	28	13	15	0	0
Hyperton Area.....	25	6	6	7	37	0	0	7	6	1	28	6	6	0	0	0
Leffingwell Area.....	4	33	33	37	37	0	0	37	37	0	2	30	30	0	0	0
Puente Area.....	0	0	0	0	5	0	0	0	0	0	8	0	0	0	0	0
Northwest Rosecrans Area.....	4	0	0	0	4	0	0	0	0	0	8	0	0	0	0	0
Simi Area.....	12	3	3	3	17	0	0	3	3	0	16	3	3	0	0	0
Whittier Heights Area.....	7	0	0	0	8	0	0	0	0	0	9	0	0	0	0	0
Orange County:																
Fullerton Area.....	18	5	5	5	23	0	0	5	5	0	13	5	5	0	0	0
Placentia Area.....	10	0	0	0	7	0	0	0	0	0	7	0	0	0	0	0
Talbot Area.....	8	1	1	1	9	0	0	1	1	0	1	0	0	0	0	0
San Bernardino County:																
Chino Hills Area <sup>1</sup> .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chino-Mahala Area.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District totals.....	388,180	360,768	358,086	369,344	363,577	2,082	2,082	366,476	366,476	2,868	369,221	377,562	374,694	2,868	0	0
Net gas storage.....																
Gas returned from storage.....																
Imperial Carbon Dioxide Gas <sup>1</sup> .....																
District totals.....	2,442	5,290	5,055	5,245	2,471	175	175	5,209	5,209	36	2,501	5,395	5,315	80	0	0
San Diego County:																
Escondido.....	777	1,787	1,763	1,759	717	0	0	1,752	1,752	7	717	1,770	1,750	20	0	0
Marinero, West.....	155	38	35	37	152	24	24	32	32	5	130	201	27	3	0	0
Ormond.....	1,176	3	0	283	1,306	3	3	280	280	3	1,258	201	108	3	0	0
Pico.....	627	741	269	665	609	472	472	665	665	419	598	740	281	459	0	0
Ranoma.....	4,742	6,514	6,425	6,531	4,826	89	89	6,531	6,531	105	4,869	6,845	6,816	29	0	0
Rincon.....	18,255	35,282	35,160	35,850	18,624	122	122	35,342	35,342	508	18,558	37,719	37,457	262	0	0
Santa Paula.....	298	12	12	13	319	0	0	13	13	0	316	12	12	0	0	0
Sepe.....	241	39	29	39	241	10	10	29	29	10	235	39	29	10	0	0
Simi.....	86	3	3	60	60	3	3	60	60	3	60	3	3	0	0	0
South Mountain.....	7,251	11,873	11,732	11,079	7,112	141	141	11,079	11,079	38	7,068	11,481	11,454	27	0	0
Venecia.....	514	314	314	471	514	11	11	471	471	13	514	11,481	11,454	11	0	0
Ventura.....	55,533	105,319	105,319	105,319	54,612	18	18	105,229	105,229	83	56,835	107,424	107,115	309	0	0
Ventura County: South Tapo Canyon Area.....	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District totals.....	92,169	167,317	166,156	167,422	91,591	1,161	1,161	166,065	166,065	1,327	94,005	172,128	170,812	1,316	0	0

Dist. 2—Bardale.

## DIVISION OF OIL AND GAS

TABLE II—Continued

Field	JULY				AUGUST				SEPTEMBER			
	Oil		Gas		Oil	Gas		Oil	Gas			
	Produced	Net produced	Used	Blown to air		Produced	Used		Blown to air	Net produced	Produced	Used
Dist. 3 - Arroyo Grande.												
Captain	175	0	0	0	173	0	0	0	156	0	0	0
Capitan	1,954	1,908	1,848	120	2,092	2,251	2,215	36	2,094	2,514	2,510	4
Camacho	2,930	375	257	118	14,252	3,254	3,254	191	1,447	3,066	3,066	5
Law Canyon	14,320	4,838	4,838	0	18,535	4,079	4,079	0	18,535	3,440	3,440	19
La Galleta Gas*	6,314	4,838	4,838	0	5,848	4,079	4,079	0	5,850	3,440	3,440	19
Lempoc	2,314	329	75	254	1,917	533	90	443	3,501	495	158	337
Mesa	24	0	0	0	20	0	0	0	21	0	0	0
Moody Gulch	2	0	0	0	2	0	0	0	2	0	0	0
Morales	938	466	291	175	1,110	437	137	300	1,066	513	24	480
Orcutt	5,067	4,108	3,225	4,728	21,818	10,675	3,551	7,124	21,080	5,785	5,780	1,723
Russell Ranch	2,317	10,025	3,686	6,339	21,818	10,675	3,551	7,124	21,080	5,785	5,780	1,723
San Ardo	374	3	3	363	3	3	3	3	418	3	3	3
Santa Maria Valley	11,798	24,434	23,831	603	11,510	24,773	24,404	369	11,673	25,352	24,948	404
Santa Cuyama	23,937	7,456	2,298	5,198	26,412	8,262	2,766	5,356	29,505	10,470	8,516	1,954
Summerland	20	0	0	14	14	0	0	0	14	0	0	0
Gas Zone*		515	515	0		753	753	0		789	789	0
Zaca	0	0	0	0	936	0	0	0	4,271	0	0	0
Monterey County	0	0	0	0	0	0	0	0	0	0	0	0
San Benito County	8	0	0	0	11	0	0	0	31	0	0	0
San Luis Obispo County												
Guadalupe Area	76	8	8	0	85	7	7	0	94	9	9	0
Taylor Canyon Area					46	22	22	0	141	79	5	74
Santa Barbara County	0	0	0	0	0	0	0	0	0	0	0	0
District totals	86,619	59,106	44,095	14,411	90,270	60,487	45,869	14,628	99,654	60,768	55,141	5,627
Net gas storage		(70,650)				(63,301)				(75,052)		
Gas returned from storage		0	0	0		0				0		
Dist. 4 - Antelope Hills.												
Ant Hill	1,438	1,254	525	729	1,055	851	663	188	1,054	617	444	173
Behrds, North	762	18	18	0	686	21	21	0	665	23	23	0
Behrds, South	2,748	49,255	49,102	153	2,894	49,579	49,384	195	2,654	50,991	50,841	150
Tumbler Gas Storage*		947	916	31		13,867	13,864	113		12,714	12,714	0
Behrds, South	4,592	510	507	3	4,618	540	536	4	6,283	1,155	1,155	0
Blackwells Corner	65	19	19	0	54	19	19	0	55	20	20	0
Bowerbank Gas*		0	0	0		0	0	0		0	0	0

# SUMMARY OF OPERATIONS—OIL FIELDS

33

	81	81	0	62	62	0	0	62	62	0
Buttontwillow Gas*										
Canal	1,796	3,978	0	1,746	3,296	0	0	1,734	2,957	0
Candfield Ranch	1,811	1,924	48	1,974	2,153	111	111	2,282	2,774	201
Coles Leves, North	16,307	1,876	1,425	16,745	1,245,312	1,310	1,310	16,796	1,744	1,218
Gas Zone*	0	0	0	0	0	0	0	0	0	0
Coles Leves, South	6,362	4,859	11	6,235	4,984	12	12	6,185	5,054	8
Gas Zone*	3,910	3,910	0	4,054	4,054	0	0	4,149	4,149	0
Cynric	12,265	15,590	213	13,410	13,833	135	135	13,127	11,409	166
Devils Den	114	28	0	141	27	401	401	12,640	30	8
Edison	11,676	5,616	157	12,669	5,906	1962	1962	5,580	5,580	440
Elk Hills	7,938	1,312	1,840	7,276	1,245,312	1,310	1,310	7,276	1,245,312	1,310
Gas Zone*	0	0	0	0	0	0	0	0	0	0
Franklin	7,689	1,621	232	8,245	1,746	1,491	1,491	8,176	1,893	249
Gravel	11,146	2,924	1	11,112	2,554	2,554	2,554	11,060	1,932	19
Kern Bluff	1,563	0	0	1,741	0	0	0	1,799	2,424	0
Kern River	5,888	570	45	7,229	697	510	187	7,862	597	54
Lost Hills	7,941	5	0	9,087	5	5	0	9,620	5	0
McDonald Anticline	5,256	4,232	815	5,480	4,248	813	813	5,380	4,303	804
McKittick-Tembler	3,336	495	67	3,66	435	345	90	354	221	131
Midway-Sunset	3,057	2,204	580	3,028	2,374	217	217	3,874	3,090	0
Mountain View	60,192	17,616	286	63,310	19,405	19,405	271	64,505	19,446	471
Gas Zone*	1,713	1,713	0	1,713	1,713	0	0	1,713	1,713	0
Mountain View	10,269	201	9	10,452	220	211	10	10,334	211	11
Palmdale	3,458	3,391	147	3,458	3,391	147	147	3,458	3,391	147
Palmdale	58,168	57,191	977	16,172	59,139	57,681	1,458	15,827	59,974	868
Gas Zone*	0	0	0	0	0	0	0	0	0	0
Paso Creek	1,798	100	0	2,827	222	213	9	3,015	245	9
Rio Bravo	10,437	4,689	13	10,220	4,460	4,460	0	10,180	4,855	346
Round Mountain	6,031	15	0	6,008	15	15	0	5,829	15	0
Semiotropic Gas*	3	3	0	11	11	11	9	10	10	0
Strand	894	657	2	1,157	797	777	20	1,110	907	886
Tejon Hills	2,193	900	19	2,188	848	822	26	2,190	807	21
Ten Section	2,005	62	61	1,967	98	0	98	2,022	100	26
Trico Gas*	5,564	14,203	0	5,651	14,227	0	0	5,604	14,644	0
Waco	906	3,421	0	3,873	3,873	50	50	3,873	3,873	0
Whetstone Ridge	773	220	0	791	220	220	0	789	218	40
Kern County	0	0	0	0	0	0	0	0	0	0
Antelope Hills Area, North	0	0	0	0	0	0	0	47	0	0
Ant Hill Area, South	0	0	0	0	0	0	0	0	0	0
Bellevue Area	216	137	9	211	137	130	7	192	127	27
Calders Corner Area	157	288	0	137	246	246	0	127	231	0
Chico-Martinez Area	5	0	0	2	0	0	0	0	0	0
Dyer Creek Area	8	0	0	6	0	0	0	5	0	0
Jasmine Area	141	0	0	140	0	0	0	126	0	0
Los Lobos Area	1	0	0	1	0	0	0	1	0	0
McClung Area	0	0	0	2	0	0	0	2	0	0
Tulare County: Terra Bella Area	0	0	0	0	0	0	0	0	0	0
District totals	231,913	210,547	4,580	241,231	212,230	207,501	4,738	243,396	217,735	4,412
Net gas storage	(23,954)	947	31	(24,153)	3,897	3,884	13	(22,851)	2,714	0
Gas returned from storage										

TABLE II—Continued  
AVERAGE DAILY BBL. OIL AND AVERAGE DAILY FORMATION GAS PRODUCTION AND DISPOSITION, MCF.—JULY 1 TO DECEMBER 31, 1950

Field	JULY				AUGUST				SEPTEMBER			
	Oil Produced	Gas		Blown to air	Oil Produced	Net produced	Gas		Oil Produced	Net produced	Gas	
		Net produced	Used				Used	Blown to air			Used	Blown to air
Distr. 5—Afton Gas*	673	673	673	0	—	1,545	1,545	0	—	1,118	1,118	0
Clayton Slough Gas*	0	0	0	0	—	—	—	0	—	—	—	0
Coalinga Gas*	17,067	1,958	1,601	357	19,379	2,517	2,060	457	19,371	2,120	1,662	467
Dunsmuir Hills Gas*	—	1	0	1	—	—	—	—	—	1	—	0
East Coalinga Extension	46,362	23,307	21,797	1,510	45,870	23,175	20,944	2,231	46,368	25,214	22,443	2,771
Eureka Gas*	—	2,203	2,203	0	—	2,172	2,172	0	—	2,634	2,634	0
Fairfield Knolls Gas*	—	278	278	0	—	751	751	0	—	1,958	1,958	0
Gill Ranch Gas*	—	0	0	0	—	—	—	0	—	—	—	0
Guajarral Hills	15,091	14,698	14,371	327	14,711	15,125	14,885	240	14,436	15,096	14,940	156
Helm	3,038	12,852	12,852	0	3,017	12,547	12,532	15	3,043	11,557	11,557	0
Jacinto—Middle Dome	4,019	7,593	7,518	75	4,019	7,317	7,242	75	3,998	7,311	7,270	71
Kettleman North Dome	1,172	1,172	1,172	0	1,160	1,160	1,160	0	1,173	1,821	1,821	0
Kirby Hill Gas*	28,035	187,467	187,017	450	27,286	186,536	186,536	750	27,952	176,022	170,335	856
Lodi Gas*	—	6,902	6,902	0	—	9,889	9,889	0	—	10,330	10,330	0
Maine Prairie Gas*	—	1,559	1,559	0	—	2,075	2,075	0	—	2,530	2,530	0
Marysville Buttes Gas*	—	3,523	3,523	0	—	3,352	3,352	0	—	3,447	3,447	0
McDonald Island Gas*	—	1,208	1,208	0	—	1,328	1,328	0	—	1,369	1,369	0
Miller Gas*	994	994	994	0	—	—	—	0	—	1,329	1,329	0
Orcut Bend Gas*	663	663	663	0	—	668	668	0	—	725	725	0
Pleasant Valley	2,769	848	664	184	2,701	993	621	372	2,710	803	720	83
Pyramid Hills	29	2,555	2,360	195	2,002	2,171	2,002	169	2,134	2,134	1,966	168
Raisin City	4,503	1,090	29	367	195	29	29	0	191	29	29	0
Rio Vista Gas*	—	3,657	3,657	0	4,565	2,293	1,919	374	4,529	1,924	1,597	327
Roberts Island Gas*	—	3,579	3,560	19	2,114	4,065	4,065	40	—	44,964	44,969	35
Sutton Bay Gas*	2,082	980	980	0	—	3,560	3,560	0	2,017	3,067	3,067	0
Thornton Gas*	—	3,078	3,078	0	—	13,148	13,148	0	—	12,888	12,888	0
Tracy Gas*	—	3,474	3,474	0	—	3,298	3,298	0	—	3,317	3,317	0
Vernalis Gas*	—	778	778	0	—	746	746	0	—	728	728	0
Willows Gas*	—	0	0	0	—	0	0	0	—	0	0	0
Winters Gas*	—	3,898	3,898	0	—	4,092	4,092	0	—	4,420	4,420	0
Butte County:	—	0	0	0	—	0	0	0	—	0	0	0
Chico Area:	—	634	634	0	—	734	734	0	—	834	834	0
Durham Area*	—	—	—	0	—	—	—	0	—	—	—	0



## DIVISION OF OIL AND GAS

TABLE 11—Continued

Field	OCTOBER				NOVEMBER				DECEMBER			
	Oil		Gas		Oil		Gas		Oil		Gas	
	Produced	Net produced	Used	Blown to air	Produced	Net produced	Used	Blown to air	Produced	Net produced	Used	Blown to air
Durr. 1—Aliano Canyon	4,417	3,699	3,634	65	4,582	4,619	4,508	141	4,610	3,548	3,492	56
Beverly Hills	86	10	10	0	72	10	10	0	76	10	10	0
Brea-Olinda	14,357	12,121	11,904	217	14,175	12,905	12,848	57	14,208	11,942	11,908	34
Gas Storage		2,889				3,850						
Coyote, East	6,430	4,109	4,063	46	6,140	4,187	4,178	7	6,207	3,859	3,850	8
Coyote, West	10,901	10,900	10,296	4	10,210	9,593	9,596	9	10,570	11,343	11,025	318
Del Valle	3,617	15,793	15,795	38	3,879	15,064	15,035	29	4,379	15,282	15,282	100
Dominguez	12,606	17,038	17,035	12	17,965	17,965	17,965	12	12,355	16,382	16,382	100
El Segundo	314	12	150	0	238	12	193	0	237	13	134	12
Gas Zone	117	117			10	1267	1267	0	119	119		
Huntington Beach	59,438	44,601	44,574	27	60,569	45,931	45,904	27	61,714	46,596	46,569	27
Inglewood	13,779	10,817	10,804	13	13,598	10,487	10,475	12	13,738	10,477	10,450	27
Lawndale	521	309	309	0	482	284	284	0	523	329	326	3
Long Beach	22,813	21,371	21,359	12	22,751	20,682	20,682	8	22,714	20,504	20,501	3
Los Angeles City	196	196	0	0	209	0	0	0	214	0	0	0
Los Angeles, East	1,058	2,928	2,931	537	1,579	2,689	2,131	558	1,901	2,788	2,109	679
Montebello	5,144	7,478	7,478	12	5,880	7,253	7,076	23	6,498	6,498	6,498	0
Northridge	5,174	5,174	5,174	0	5,880	5,880	5,880	0	84	53	53	225
North-Hall-Potrero	8,615	4,213	4,213	24	8,347	5,791	5,765	26	7,358	5,690	5,681	9
Newport	0	0	0	0	0	0	0	0	0	0	0	0
Newport, West	4,747	815	802	13	4,908	789	782	7	4,674	806	803	3
Gas Zone*	0	0	0	0	0	0	0	0	0	0	0	0
Oak Canyon	1,703	2,165	2,150	15	1,699	2,104	2,104	0	1,615	2,031	2,031	0
Placencia	13,482	910	1,199	711	12,749	1,815	1,178	637	12,211	1,863	1,185	678
Playa del Rey	1,668	1,167	1,166	71	1,691	1,755	1,755	40	1,615	1,757	1,757	42
Playa del Rey Hills Gas Storage						11,595	11,595			11,757	11,757	
Richfield	960	14,402	14,402	0	897	12,943	12,943	0	829	12,086	12,086	0
Rosemead	6,334	5,331	5,316	15	6,811	5,368	5,355	13	6,478	5,191	5,172	19
Rosecrans	4,903	14,078	14,007	71	5,061	15,223	13,709	454	4,877	14,818	14,802	16



## 37

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## DIVISION OF OIL AND GAS

TABLE II—Continued  
AVERAGE DAILY BBL. OIL AND AVERAGE DAILY FORMATION GAS PRODUCTION AND DISPOSITION, MCF.—JULY 1 TO DECEMBER 31, 1950

Field	OCTOBER				NOVEMBER				DECEMBER			
	Oil Produced	Gas			Oil Produced	Gas			Oil Produced	Net produced	Gas	
		Net produced	Used	Blown to air		Net produced	Used	Blown to air			Used	Blown to air
<b>Dist. 3—Arroyo Grande</b>	170	0	0	0	226	0	0	0	267	0	0	0
Capitan	1,966	2,517	2,511	6	1,934	2,464	2,443	21	1,854	2,144	2,127	17
Camalia	225	366	332	34	226	377	335	51	1,223	359	312	47
Sat Canyon	18,251	3,648	3,192	456	18,632	4,028	3,463	565	19,063	3,891	3,451	440
Elwood	5,664	3,683	3,369	0	5,799	3,844	3,484	0	5,866	3,947	3,497	450
La Grulla Gas*		1(41,243)	3,501	0		18,020	18,020	0		130,307	130,307	0
Leopold	5,785	547	535	12	7,440	863	769	94	7,417	914	788	126
Mesa	21	0	0	0	22	0	0	0	20	0	0	0
Moody Gulch	1	0	0	0	1	0	0	0	1	0	0	0
Morales	1,188	510	28	482	1,257	588	49	539	1,183	546	97	449
Orcutt	3,607	5,813	5,749	64	3,630	6,079	6,006	73	3,888	6,166	6,135	31
Russell Ranch	21,276	5,900	5,934	26	20,817	5,662	5,510	152	20,419	5,663	5,582	81
San Ardo	552	3	3	0	830	30	30	0	1,262	58	58	0
Santa Maria Valley	13,085	24,784	21,286	498	13,071	27,843	27,286	557	12,742	25,848	25,412	436
South Cuyana	31,319	19,595	19,586	9	32,583	20,646	20,233	413	33,578	21,834	21,833	1
Summerland	13	0	0	0	13	928	928	0	5	886	886	0
Z Gas Zone*	4,246	983	943	0	4,177	0	0	0	4,578	0	0	0
Monterey County	0	0	0	0	0	0	0	0	0	0	0	0
San Benito County	16	0	0	0	16	0	0	0	11	0	0	0
San Luis Obispo County	0	0	0	0	0	0	0	0	0	0	0	0
Guadalupe Area	89	9	9	0	79	8	8	0	60	7	7	0
Taylor Canyon Area	147	50	5	45	137	39	5	34	127	38	5	33
Santa Barbara County	0	0	0	0	0	0	0	0	0	0	0	0
<b>Dist. 4—Antelope Hills</b>	107,631	65,029	66,397	1,632	110,850	73,349	70,880	2,469	112,584	72,304	70,673	1,631
Net gas storage		(44,243)	0	0		18,020	18,020	0		30,307	30,307	0
Gas returned from storage		0	0	0		0	0	0		0	0	0
<b>Dist. 4—Antelope Hills</b>	1,031	600	600	0	1,013	518	518	0	1,026	664	664	0
Ant Hill	651	24	24	0	614	24	24	0	624	25	25	0
Belridge, North	2,683	47,232	46,287	168	2,687	46,475	46,287	188	2,578	45,809	45,770	39
Tembler Gas Storage*		14,797	14,789	8		14,835	14,794	41		15,266	15,266	0
Belridge, South	7,515	1,715	1,693	22	7,882	1,744	1,744	0	7,734	1,776	1,776	0
Blackwells Corner		20	20	0		20	20	0		19	19	0
Bowerbank Gas*	74	0	0	0	116	0	0	0	101	5,200	4,942	258

### SUMMARY OF OPERATIONS—OIL FIELDS

[illegible]

TABLE II—Continued  
AVERAGE DAILY BBL. OIL AND AVERAGE DAILY FORMATION GAS PRODUCTION AND DISPOSITION, MCF.—JULY 1 TO DECEMBER 31, 1950

Field	OCTOBER				NOVEMBER				DECEMBER			
	Oil Produced	Gas		Blown to air	Oil Produced	Gas		Blown to air	Oil Produced	Gas		Blown to air
		Net produced	Used			Net produced	Used			Net produced	Used	
Durr. 5-Afton Gas*		1,780	1,780	0		1,857	1,857	0		2,771	2,771	0
Cache Slough Gas*		0	0	0		4,492	4,492	0		6,473	6,473	0
Coalunga	20,564	1,977	1,583	394	20,495	2,148	1,756	392	20,468	1,845	1,463	382
Dunnigan Hills Gas*		948	948			4,063	4,059	4		4,126	4,125	1
East Coalunga Extension	45,971	22,425	21,082	1,343	45,618	24,279	22,663	1,586	45,761	22,614	21,555	1,029
Eureka Gas*		2,987	2,987			3,710	3,710			4,072	4,072	0
Fairfield Knolls Gas*		994	994	0		551	551	0		1,361	1,361	0
Gill Ranch Gas*		4,115	4,115	0		7,008	7,008	0		12,787	12,787	0
Gujarral Hills	14,616	15,641	15,279	362	13,845	15,513	15,411	132	13,235	15,881	15,786	95
Helm	2,890	7,345	7,345	229	2,887	10,608	10,608	80	2,907	13,002	12,989	13
Jacintos	3,820	7,035	6,806	229	3,626	6,478	6,398	80	3,589	6,856	6,773	77
Kettleman North Dome	166	1,744	1,744	0	163	1,700	1,700	0	157	1,644	1,644	0
Kettleman Middle Dome	28,360	172,324	171,830	494	27,676	175,207	174,627	580	27,351	174,098	172,966	1,132
Kirby Hill Gas*		10,828	10,828			8,536	8,536	0		7,900	7,900	0
Lodi Gas*		2,450	2,450			2,316	2,316			2,453	2,453	0
Maine Prairie Gas*		3,400	3,400			4,175	4,175	0		4,343	4,343	0
Marysville Buttes Gas*		1,357	1,357			1,358	1,358			1,353	1,353	0
McDonald Island Gas*		5,973	5,973	0		12,962	12,962	0		16,719	16,719	0
Miller Gas*		3,588	3,588			3,356	3,356			3,717	3,717	0
Ord Bend Gas*		955	955			1,565	1,565			1,915	1,915	0
Pleasant Valley	2,626	1,928	1,739	189	2,678	2,007	1,878	129	2,686	2,183	2,078	105
Pyramid Hills	1,728	1,728	1,728	0	1,700	2,007	1,878	0	1,733	2,007	1,878	0
Rain City	4,562	4,562	4,562	370	4,539	4,539	4,539	400	4,536	2,381	1,968	363
Rio Vista Gas*		434,080	434,020	60		428,217	428,149	68		435,032	435,013	19
Riverdale		2,984	2,959	25		2,944	2,944			2,679	2,667	12
Roberts Island Gas*		986	986			983	983			920	920	0
Suisun Bay Gas*		12,882	12,882	0		10,366	10,366	0		10,419	10,419	0
Thornton Gas*		10,746	10,746	0		11,934	11,934	0		12,127	12,126	1
Tracy Gas*		0	0	0		0	0	0		0	0	0
Vernalis Gas*		731	731	0		681	681	0		675	675	0
Willows Gas*		0	0	0		0	0	0		0	0	0
Winters Gas*		4,167	4,167	0		4,163	4,163	0		4,076	4,076	0
Butte County		152	152	0		504	504	0		478	478	0
Chico Area*		1,702	1,702	0		2,102	2,102	0		2,610	2,610	0
Durham Area*				0				0				0



## DIVISION OF OIL AND GAS

TABLE III  
NATURAL GAS RESERVES, MCF.

Field	Gas reserves July 1, 1950	Gas injected July to Dec. 1950	Gross gas withdrawn July to Dec. 1950	Net gas withdrawn July to Dec. 1950	Gas reserves Jan. 1, 1951
DIST. 1—Aliso Canyon.....	61,546,996	0	656,499	656,499	60,890,497
Beverly Hills*	0	0	1,546	1,546	0
Brea-Olinda.....	32,644,769	0	2,380,257	2,380,257	30,264,512
Coyote, East.....	9,810,824	0	759,274	759,274	9,051,550
Coyote, West.....	50,053,526	5,459,369	7,721,176	2,261,807	47,791,719
Del Valle.....	24,850,839	0	2,563,309	2,563,309	22,287,530
Dominguez.....	15,412,013	0	3,208,769	3,208,769	12,203,244
El Segundo.....	271,323	0	26,975	26,975	244,348
Gas Zone.....	9,255,770	66,749	77,936	11,187	9,244,583
Huntington Beach.....	40,536,576	88,950	8,273,994	8,185,044	32,351,532
Inglewood.....	8,676,429	0	1,878,039	1,878,039	6,798,390
Lawndale.....	3,945,650	0	62,507	62,507	3,883,143
Long Beach.....	57,758,434	0	3,886,463	3,886,463	53,871,971
Los Angeles City*	6,872,121	0	530,300	530,300	6,341,821
Los Angeles, East.....	21,626,322	0	1,351,481	1,351,481	20,274,841
Montebello.....	0	0	9,925	9,925	0
Newhall*	142,244,784	4,821,416	5,668,482	847,066	141,397,718
Newhall-Potrero.....	0	0	0	0	0
Newport*	0	0	168,147	168,147	0
Newport, West.....	7,758,380	0	0	0	7,759,233
Gas Zone*	0	0	0	0	0
Oak Canyon.....	24,459,430	0	392,172	392,172	24,067,258
Placerita*	0	0	163,207	163,207	0
Playa del Rey.....	2,779,795	0	324,709	324,709	2,455,086
Del Rey Hills Gas Storage	13,405,853	1,153,516	1,423,526	270,010	13,135,853
Potrero.....	112,500,000	0	2,609,859	2,609,859	9,890,141
Richfield.....	13,516,890	0	989,163	989,163	12,527,727
Rosecrans.....	16,814,333	74,782	2,808,330	2,733,548	14,080,785
Salt Lake*	0	0	0	0	0
Santa Fe Springs.....	37,173,697	0	2,516,976	2,516,976	34,656,721
Seal Beach.....	948,698,358	0	2,191,376	2,191,376	46,416,982
Torrance.....	10,960,378	0	757,012	757,012	10,203,366
Turnbull.....	94,907	0	12,151	12,151	82,756
Whittier.....	1,190,730	0	292,375	292,375	898,355
Wilmington.....	228,989,894	0	28,012,478	28,012,478	200,977,416
Los Angeles County:					
Alondra Area.....	3,883,836	0	43,376	43,376	3,840,460
Castaic Area*	0	0	26,577	26,577	0
East Dominguez Area*	0	0	4,976	4,976	0
Hyperion Area*	0	0	1,134	1,134	0
Leffingwell Area*	0	0	3,055	3,055	0
Puente Area*	0	0	0	0	0
Northwest Rosecrans	0	0	0	0	0
Area*	0	0	0	0	0
Simi Area*	0	0	523	523	0
Whittier Heights Area*	0	0	0	0	0
Orange County:					
Buena Park Area*	0	0	870	870	0
Talbert Area*	0	0	0	0	0
San Bernardino County:					
Chino Hills Area*	0	0	183	183	0
Chino-Mahala Area*	0	0	0	0	0
District totals:					
Fields with estimated re-					
serves.....	897,642,867	11,664,782	81,587,111	69,922,329	827,720,538
Fields with no reserves					
estimated*.....	0	0	211,996	211,996	0

TABLE III—Continued  
NATURAL GAS RESERVES, MCF.

Field	Gas reserves July 1, 1950	Gas injected July to Dec. 1950	Gross gas withdrawn July to Dec. 1950	Net gas withdrawn July to Dec. 1950	Gas reserves Jan. 1, 1951
Distr. 2—Barddale.....	5,507,969	0	1,006,252	1,006,252	4,501,717
Montalvo, West*		0	335,522	335,522	
Ojai*		0	7,119		
Oxnard*		0	33,300	33,300	
Piru*		0	137,284		
Ramona.....	9,310,397	0	1,210,397	1,210,397	8,100,000
Rincon.....	95,907,956	0	7,141,018	7,141,018	88,856,938
Santa Paula*		0	2,228	2,228	
Sespe*		0	7,169	7,169	
Simi*		0	2,005	2,005	
South Mountain.....	13,537,980	0	2,111,280	2,111,280	11,426,700
Temescal.....	1,585,569	0	85,569		1,500,000
Ventura.....	589,041,616	0	19,939,453	19,939,453	569,102,163
Ventura County: South Tapo Canyon Area*		0	0	0	
District totals:					
Fields with estimated re-					
serves.....	715,031,487	0	31,493,969	31,493,969	683,537,518
Fields with no reserves					
estimated*		0	524,627	524,627	
Distr. 3—Arroyo Grande*		0	0	0	
Capitan.....	2,725,751	37,755	462,372	424,617	2,301,134
Casmalia*		0	71,160		
Cat Canyon.....	15,097,692	218,066	909,109	690,043	14,407,649
Elwood.....	5,803,430	0	715,786	715,786	5,087,644
La Goleta Gas.....	38,296,833	8,317,238	2,003,708	2(6,313,530)	44,610,363
Lompoc.....	8,948,380	90,917	203,657	112,740	8,835,640
Mesa*		0	0	0	
Moody Gulch*		0	0	0	
Morales*		0	93,725	93,725	
Orcutt.....	3,888,589	0	1,030,893	1,030,893	2,857,696
Russell Ranch.....	74,872,237	1,641,624	3,028,835	1,387,211	73,485,026
San Ardo*		0	3,110	3,110	
Santa Maria Valley.....	48,000,000	0	4,689,952	4,689,952	43,310,048
South Cuyama.....	277,972,767	757,152	3,463,129	2,705,977	275,266,790
Summerland*		0	0	0	
Gas Zone*		0	147,933	147,933	
Zaca*		0	0	0	
Monterey County*		0	0	0	
San Benito County*		0	0	0	
San Luis Obispo County:					
Guadalupe Area*		0	1,451	1,451	
Taylor Canyon Area*		0	6,954	6,954	
Santa Barbara County*		0	0	0	
District totals:					
Fields with estimated re-					
serves.....	475,605,679	11,062,752	16,506,441	5,443,689	470,161,990
Fields with no reserves					
estimated*		0	324,333	324,333	
Distr. 4—Antelope Hills.....	6,384,247	0	138,477	138,477	6,245,770
Ant Hill.....	47,467	0	4,097	4,097	43,370
Belridge, North:					
Shallow Zone.....	43,303	0	5,278	5,278	38,025
Temblor Zone.....	125,324,990	0	688,576	688,576	124,636,414
R Zone.....	52,106,112	0	9,001,837	9,001,837	43,104,275
64 Zone.....	55,691,794	5,402,403	4,874,972	2(527,431)	56,219,225
Y Zone.....	3,722,283	464,561	862,191	397,630	3,324,653
Belridge, South.....	3,150,000	0	227,779	227,779	2,922,221
Blackwells Corner.....	232,000	0	3,600	3,600	228,400
Bowerbank Gas.....	33,541,979	0	161,208	161,208	33,380,771
Buttonwillow Gas.....	26,391	0	12,052	12,052	14,339
Canal.....	34,036,497	1,935,586	2,607,167	671,581	33,364,916
Canfield Ranch.....	795,207	0	486,285	486,285	308,922
Coles Levee, North.....	369,204,879	9,529,120	9,151,617	2(377,503)	369,582,382
Gas Zone.....	5,544,493	0	0	0	5,544,493
Coles Levee, South.....	554,115,941	11,416,944	12,356,932	939,988	553,175,953
Gas Zone.....	1,416,204	0	831,632	831,632	584,572
Cymric.....	27,501,998	441,969	2,646,813	2,204,844	25,297,154
Devils Den*		0	6,925	6,925	
Edison.....	3,437,426	0	1,051,536	1,051,536	2,385,890



## DIVISION OF OIL AND GAS

TABLE III—Continued  
NATURAL GAS RESERVES, MCF.

Field	Gas reserves July 1, 1950	Gas injected July to Dec. 1950	Gross gas withdrawn July to Dec. 1950	Net gas withdrawn July to Dec. 1950	Gas reserves Jan. 1, 1951
Dist. 4—Continued					
Elk Hills, All Zones.....	585,887,602	1,280,901	1,920,833	639,932	585,247,670
Gas Zone.....		0	11,428,820	11,428,820	
Upper Zone.....		1,280,901	118,202	11(1,094,699)	
Stevens Zone.....		0	1305,811	1305,811	
Fruitvale.....	1,361,874	0	392,782	392,782	969,092
Greeley.....	112,869,146	2,004,698	2,512,233	507,535	112,361,611
Kern Bluff*.....		0	0	0	
Kern Front.....	3,643,631	0	117,119	117,119	3,526,512
Kern River.....	45,231	0	855	855	44,376
Lost Hills.....	2,344,836	0	747,462	747,462	1,597,374
McDonald Anticline*.....		0	65,590	65,590	
McKittrick-Tembler*.....		0	489,476	489,476	
Midway-Sunset.....	55,656,198	4,277,712	7,978,853	3,701,141	51,955,057
Buena Vista Gas Zone.....	6,904,370	1,807,758	627,829	1(1,179,829)	8,084,299
Mount Poso.....	381,534	0	37,045	37,045	344,489
Mountain View.....	4,115,432	0	574,037	574,037	3,541,395
Paloma, All Zones.....	592,513,597	21,213,432	32,243,778	11,030,346	581,483,251
Gas Zone.....		0	0	0	
Symons Zone.....		0	1332,565	1332,565	
Paloma Zone.....		121,213,432	131,911,213	110,697,781	
Poso Creek.....	187,682	0	41,756	41,756	145,926
Rio Bravo.....	148,436,121	2,548,604	3,412,886	864,282	147,571,839
Round Mountain.....	80,492	0	2,995	2,995	77,497
Semitropic.....	10,001,857	0	66,464	66,464	9,935,393
Strand.....	9,775,222	0	113,474	113,474	9,661,748
East Area.....	3,732,144	0	37,217	37,217	3,694,927
Tejon.....	644,560	0	139,688	139,688	504,872
Tejon Hills*.....		0	35,981	35,981	
Ten Section.....	79,534,141	0	2,532,999	2,532,999	77,001,142
Trico Gas.....	196,679,547	0	2,019,973	2,019,973	194,659,574
Wasco.....	742,045	0	141,143	141,143	600,902
Wheeler Ridge.....	376,010	0	40,471	40,471	335,539
Kern County:					
Antelope Hills Area,					
North*.....		0	0	0	
Ant Hill Area, South*.....		0	0	0	
Bellevue Area.....	179,660	0	25,881	25,881	153,779
Calders Corner Area*.....		0	38,410	38,410	
Chico-Martinez Area*.....		0	0	0	
Dyer Creek Area*.....		0	0	0	
Jasmine Area*.....		0	0	0	
Los Lobos Area*.....		0	0	0	
McClung Area.....	3,500	0	0	0	3,500
Tulare County:					
Terra Bella Area*.....		0	0	0	
District totals:					
Fields with estimated re-					
serves.....	2,902,419,643	62,323,658	100,839,822	38,516,134	2,953,903,509
Fields with no reserves					
estimated*.....		0	636,382	636,382	
Dist. 5—Afton Gas*					
Cache Slough Gas*.....		0	299,102	299,102	
Coalina*.....		0	335,429	335,429	
Dunnigan Hills Gas*.....		0	385,489	385,489	
East Coalina Extension.....	455,710,123	5,979,287	10,301,232	4,321,945	451,388,178
Eureka Gas.....	26,585,005	0	544,806	544,806	26,040,199
Fairfield Knolls Gas*.....		0	153,181	153,181	
Gill Ranch Gas.....	25,450,773	0	734,212	734,212	24,716,561
Guajarral Hills.....	447,351,014	0	2,820,904	2,820,904	44,530,110
Helm.....	188,560,966	0	2,205,295	2,205,295	186,355,671
Jacalitos.....	37,128,811	0	1,288,097	1,288,097	35,840,714
Kettleman Middle Dome*.....		0	325,942	325,942	
Kettleman North Dome.....	1,520,857,999	18,273,310	51,214,161	32,940,851	1,487,917,118
Kirby Hill Gas.....	29,952,706	0	1,666,422	1,666,422	28,286,284
Lodi Gas.....	13,094,903	0	410,035	410,035	12,684,868
Maine Prairie Gas*.....		0	681,851	681,851	
Marysville Buttes Gas.....	15,207,619	0	244,420	244,420	14,963,199
McDonald Island Gas.....	82,167,798	0	1,162,937	1,162,937	81,004,861
Miller Gas*.....		0	391,109	391,109	
Ord Bend Gas*.....		0	217,096	217,096	
Pleasant Valley.....	15,208,950	0	398,203	398,203	14,810,747
Pyramid Hills*.....		0	5,296	5,296	
Raisin City.....	3,322,648	0	399,633	399,633	2,923,015

TABLE III—Continued  
NATURAL GAS RESERVES, MCF.

Field	Gas reserves July 1, 1950	Gas injected July to Dec 1950	Gross gas withdrawn July to Dec. 1950	Net gas withdrawn July to Dec. 1950	Gas reserves Jan. 1, 1951
Distr. 5—Continued					
Rio Vista Gas.....	1,819,811,937	0	77,482,286	77,482,286	1,742,329,651
Riverdale.....	23,965,117	0	592,365	592,365	23,372,752
Roberts Island Gas*		0	148,243	148,243	
Suisun Bay Gas*		0	1,922,971	1,922,971	
Thornton Gas.....	15,279,157	0	1,376,532	1,376,532	13,902,625
Tracy Gas.....	9,806,592	0	0	0	9,806,592
Vernalis Gas.....	5,226,924	0	133,081	133,081	5,093,843
Willows Gas*		0	0	0	
Winters Gas*		0	760,710	760,710	
Butte County:					
Chico Area*		0	34,667	34,667	
Durham Area*		0	264,124	264,124	
Fresno County:					
Burrell Area*		0	108,161	108,161	
Cantua Creek Area*		0	0	0	
Cheney Ranch Area*		0	12,193	12,193	
Kreyenhagen Area*		0	0	0	
San Joaquin Area*		0	13,308	13,308	
Kings County:					
Hanford Area*		0	0	0	
Trico Area, Northwest*		0	73,679	73,679	
Madera County:					
Chowchilla Area.....	20,051,000	0	0	0	20,051,000
Moffatt Ranch Area*		0	161,144	161,144	
San Joaquin County:					
Galt Area*		0	66,975	66,975	
Solano County:					
Denverton Area*		0	37,056	37,056	
Sonoma County:					
Petaluma Area*		0	0	0	
Gas Zone*		0	0	0	
Tehama County:					
Corning Area*		0	0	0	
Yolo County:					
Pleasant Creek Area*		0	0	0	
District totals:					
Fields with estimated re- serves.....	4,354,740,012	24,252,597	152,974,621	128,722,024	4,226,017,988
Fields with no reserves estimated*		0	6,676,942	6,676,942	
Grand totals:					
Fields with estimated re- serves.....	9,435,439,688	109,303,819	383,401,964	274,098,145	9,161,341,543
Fields with no reserves estimated*		0	8,374,280	8,374,280	

\* No reserves estimated because of lack of data, or because they are insufficient to justify pipe line connections to marketing system for domestic or industrial consumption. Figures are carried to separate totals.

† Not included in total.

<sup>1</sup> Storage only.

<sup>2</sup> Net storage. Parentheses indicate negative figure.

<sup>3</sup> Reestimate.

<sup>4</sup> Initial estimate.

<sup>5</sup> Corrected figure.

<sup>6</sup> Includes 370,661 Mcf. produced in Los Angeles County portion of Ramona field.

<sup>7</sup> Reactivated, formerly carried in abandoned fields and areas.

## **OPERATIONS IN DISTRICT NO. 1, 1950**

E. H. MUSSEY, Deputy Supervisor

The number of notices for new wells decreased from 821 in 1949 to 676 in 1950 mainly because the Placerita drilling boom came to an end early in the year. Wilmington was the most active field in the district with Huntington Beach, Long Beach, and Placerita following in that order. Notices to abandon totaled 94 during 1950 of which 107 covered wells classed as former producers. In the preceding year 171 abandonment notices were received of which only 66 were for former producing wells. Those fields not included in the following brief discussions of individual fields and wildcat areas had no development of importance.

### **ALISO CANYON**

Tide Water Associated Oil Company opened a new shallow zone in well No. "Porter" 27, Sec. 28, T. 3 N., R. 16 W., S. B. B. & M., Aliso Canyon field. The well was completed on April 24, 1950, for 510 barrels daily of 17.5-degree oil in an interval of Pliocene age between 4,067 and 4,156 feet. This new zone has been designated as the Aliso and is about 1,500 feet higher than the Porter zone at this structural position.

On November 16, Standard Oil Company of California extended the Porter zone westerly when well No. "Del Aliso" 6, in Sec. 29, was completed on the pump for 25 barrels daily of 15.3-degree oil cutting 12 percent. Production was from a perforated interval between 5,719 and 5,841 feet. The top of the Porter Zone was reached at 5,565 feet.

### **BREA-OLINDA**

All of the drilling in the Brea-Olinda oil field during 1950, with the exception of one well, was done by Shell Oil Company. Three wells, which resulted in completions yielding as much as 100 barrels of oil a day each, were drilled in the Puente area to the north of the Whittier-Puente fault. However, production by each well soon settled to about 20 barrels of oil a day.

The rest of the company's drilling consisted of the development and extension, both in area and in depth, of the Upper Miocene oil zone under its properties just to the south of the Whittier-Puente fault. Wells completed in this area yielded a settled production averaging 200 barrels of oil daily.

### **DEL VALLE**

In the northwest quarter of Sec. 16, T. 4 N., R. 17 W., Del Valle field, Trigood Oil Company (formerly Southern California Petroleum Corporation, Operator) well No. "Kinler" 1 was completed on March 4, 1950, for 140 barrels daily of 22.3-degree oil, cutting 0.2 percent, and 20 Mcf. of gas, from intervals between 7,128 and 7,392 feet in beds of Miocene age. This well, about one-quarter of a mile north of heretofore productive limits, appears to be on an extension of the Del Valle field rather than on a new structure.

On January 16, 1950, Humble Oil & Refining Company completed well No. "Newhall Land & Farming Company" 1, Sec. 23, in an interval in the Modelo between 11,718 and 11,839 feet. Initial production was 156 barrels daily of 33.4-degree oil, cutting 3 percent, and 685 Mcf. of gas. The top of the Miocene formations was reached at approximately 7,700 feet.

By the end of the year the same company had completed two more wells in this area, which now appears to be on a structure separate and distinct from the Del Valle structure. This new area has been designated Castaic Junction field as of January 1, 1951.

#### HUNTINGTON BEACH

Drilling activity in the Huntington Beach oil field continued to decline during 1950. Notices to drill numbered 79 for the year whereas 92 notices were filed in 1949. Over one-half of the notices to drill (46) were for tideland wells.

Southwest Exploration Company and Signal Oil and Gas Company obtained leases from the State Lands Commission in the early part of 1950 covering parcels extending one mile oceanward from their existing leases. This means that wells may now be bottomed between one mile and two miles distant from the ordinary high water line. During 1950 eight wells were completed in the Main zone underlying these outer parcels. The drilled depths ranged from 8,000 to 9,300 feet, approximately. At the latter depth the horizontal distance from the surface location was about 7,900 feet while the vertical depth was only 4,200 feet.

The productive limits of the old portion of the field were extended another quarter of a mile northwest by the continued drilling of Signal Oil and Gas Company on its "Signal-Bolsa" lease.

#### LONG BEACH

Sixty-three notices to drill new wells in the Long Beach field were filed during 1950. This exceptional activity, nearly double that of 1949, was the result of the discovery of production in two separate areas: The first was a shallow zone, locally called the Enterprise sand, located largely in Sec. 29 and Sec. 30, T. 4 S., R. 12 W., along a line drawn from the intersection of Cherry Avenue and 23rd Street on the southeast, towards the intersection of Gundry Avenue and 25th Street on the northwest. Twenty-one wells were drilled and completed to production in this sand, the top of which was encountered at depths varying from 2,205 to 2,330 feet. Generally the pipe was perforated for an interval of 80 to 100 feet. The productivity of this sand appears to be limited on the southeast and the northwest by cross faults and, along the northerly side, by another fault the strike of which is generally parallel to the Cherry Hill fault. The initial production in these wells varied from 32 to 615 barrels of oil a day.

The second discovery was a deeper zone, called the Webb sand, encountered in R. W. Jerman and F. R. Bartee well No. "Webb" 1, located northwesterly of the intersection of 15th Street and Termino Avenue, in Sec. 33, in the extreme southeasterly end of the field. The producing interval is from about 5,900 to 6,450 feet. At first production from this well was as high as 895 barrels a day of 28.6-degree gravity oil and 1,500 Mcf. of gas; but this rate lasted only a short time because of

water, sand and mechanical troubles. Other wells completed in this area had initial productions ranging from 98 to 275 barrels a day. Six wells were completed to production, and six others were failures that did not find sufficient oil saturation in the sand. Here again it appears that the productive area is limited by faulting, the pattern of which is only vaguely known. Further drilling may outline the productive fault block.

#### WEST NEWPORT

Of the six new wells drilled in the West Newport field during 1950, four were normal development wells and two were outpost wells. Jergins Oil Company drilled well No. "Banning" 1, located in the northeast quarter of Sec. 29, T. 6 S., R. 10 W., 1,200 feet southwesterly from the nearest producing well. This well was deflected southerly to a total drilled depth of 2,130 feet. The A zone was found to be shaled out, but the B sand was present and oil-saturated. The well was completed in the C sand with perforations at drilled depths from 1,953 to 2,123 feet. Initial production was 90 barrels of 15.2-degree gravity oil cutting 5 percent, and 5 Mcf. of gas. The producing interval is under the Pacific Electric Railway Company right-of-way.

A second well, well No. "Banning" 2, was then directionally drilled to a total depth of 1,027 feet and completed in the B sand with perforations from drilled depths of from 907 to 1,024 feet. Initial production was 44 barrels of clean oil a day, 14.2-degrees, 6 percent cut and 5 Mcf. of gas. These two wells demonstrate that production in moderate amounts may be had in this area, which is quite close to the shoreline. No rush of drilling is indicated, however, since the property in the immediate vicinity is under lease to only two companies.

#### PLACERITA

Drilling activity in the Placerita field showed a sharp decline over the previous year. Notices of intention to drill new wells filed during 1950 numbered 55 compared to 253 in 1949. At the close of the year average oil production was 12,233 barrels daily, about 45 percent of the daily average for December 1949. During the year water production increased nearly threefold and gas production declined approximately 95 percent.

The gas wastage injunction action commenced in 1949 was placed off calendar in February, and no further steps to enjoin waste were taken. Negotiations between interested parties seeking an outlet for the gas of this field met with failure. The gas has a carbon dioxide content of from 15 to 25 percent, and the calculated reserve was insufficient to justify the erection of an extraction plant. A plant for the recovery of the gasoline alone was not feasible because of the low gasoline content of the gas, about 0.5 gallons per Mcf.

#### ROSECRANS

The productive limits of the Howard Townsite area of the Rosecrans field were well defined by the end of 1949. Only one new well was started during 1950, E. W. Pauley well No. "S. R. G. Community" 1, Sec. 12, T. 3 S., R. 14 W. Subsurface data indicate that this area comprises a structure separated from the Athens area by a non-productive area.

The Division of Oil and Gas, treating the Howard Townsite as a new field, has applied the provisions of the Spacing Act from the start of development in 1947. In 1949 the owner of a parcel of land containing four-tenths of an acre filed a notice of intention to drill a new well that the Division refused to approve on the grounds that the drilling thereof would violate the Spacing Act (Sections 3600-3608, Public Resources Code).

After preliminary proceedings in the Justice's Court of Centinela Township the case reached the District Court of Appeal which handed down on June 21, 1950, a decision that in effect nullified the Spacing Act. This decision stated, in part, that California's spacing laws are "within the police power of the State and are not unconstitutional for the single reason that drilling on less than an acre is prohibited." However, the Court further stated that the owner of a less-than-acre parcel "is entitled to have his rights determined in some forum set up by the State . . . a forum with power to secure for him his right, co-equal with surrounding owners and lessees, to recover his fair share of the oil and gas from the common source of supply" and since the Spacing Act, in the Court's opinion, did not do this, the owner's constitutional property rights were unlawfully invaded.

On November 1, 1950, the Supreme Court of the State of California, in a decision reversing the Court of Appeal said, "there is a strong presumption of the constitutionality of the legislation involved" and that Sec. 3608, which provides for the inclusion of less-than-acre parcels in the surrounding community leases, gave the property owner in this case "an adequate means of protection or substitute for his right to extract oil from his property."

#### SANTA FE SPRINGS

St. Anthony Oil Corporation completed its well No. "St. Anthony-Farwell" 1 for about 100 barrels of oil daily from the Meyer zone during the latter part of 1949. Although this was an exceptional completion in what was considered to be a drained area, the true significance was not realized until 1950 when the operator and General Petroleum Corporation completed five and two wells, respectively, which produced between 125 and 300 barrels of oil daily from the Meyer zone. The wells are located near the southwest corner of Sec. 32, T. 2 S., R. 11 W., and the northwest corner of Sec. 5, T. 3 S., R. 11 W., in the northeast portion of the field. The proved area of the field has been extended to the northeast about 1,000 feet beyond the former outpost well. A number of proved locations remain to be drilled as a result of this development.

No doubt faulting has been responsible for the interruption of the normal drainage pattern, and deeper testing is contemplated in the near future to determine if similar conditions exist below the Meyer zone and through the Clarke zone.

#### SEAL BEACH

Development during 1950 in the Seal Beach oil field was routine with the exception of J. I. M. Petroleum Company well No. "Freeman" 1 located near the southeast corner of Flint and Colorado Streets in Sec. 3, T. 5 S., R. 12 W. This well was planned as a McGrath zone test, possibly to a depth of 9,000 feet. After drilling to 5,836 feet the operator ran



an electric log then decided to run casing and test an interval from about 5,550 to 5,660 feet. Seven-inch casing was cemented at 5,836 feet and cemented through perforations at 4,944 feet. After demonstrating a water shut-off through perforations at 5,531 feet, the operator perforated the above-mentioned interval and completed the well. Early production rates were reported to be as high as 500 barrels a day with considerable gas. This rate was not maintained however and in a short time production was down to 40 barrels a day. Although considerable interest was generated by this completion, no other new wells were proposed in this area of the field during the year.

#### WHITTIER

##### Sansinena Area

Union Oil Company of California has completed 18 wells in the Sansinena area since 1945, 10 of which were completed during 1950. Only wells Nos. "Sansinena" 15 and "Sansinena" 17 were drilled as straight holes. Islands were then established at these surface locations from which the rest of the wells were directionally drilled. This was in accordance with the Los Angeles County Planning Commission's requirements that sought to protect the rights of the owners of valuable residences, citrus and avocado groves overlying the oil pool. The proved area lies within the westerly portion of the N  $\frac{1}{2}$  of the S  $\frac{1}{2}$  of Sec. 29 and the northerly and easterly portion of the S  $\frac{1}{2}$  of Sec. 30, T. 2 S., R. 10 W., and contains approximately 125 acres. The limits of production to the north and south have been established by two faults and, to the west, by edge water. The easterly limit will be determined by further drilling. The producing zone is upper Miocene in age and, so far, has yielded almost three-quarters of a million barrels of oil. This area has been designated Sansinena field as of January 1, 1951.

#### WILMINGTON

Wilmington continued to be the most active oil field in District 1 during 1950. Drilling operations increased considerably over those in 1949. Notices to drill in 1950 numbered 202 as compared to 159 in the previous year. Many wells severely damaged by the earthquakes occurring in December 1947 and November 1949 were plugged back and re-drilled. One hundred and fifty-three notices to redrill were filed during 1950. Most of the drilling was for the purpose of developing the Ranger, upper Terminal and lower Terminal zones.

Subsidence is still occurring at approximately the same rate as in previous years. The latest measurements made by the Long Beach Harbor Department show the subsidence at the center of the "bowl" to have been nearly two feet during 1950. The maximum subsidence is now about 13 feet. Some of the oil properties are from six to seven feet below mean sea level and are protected from flooding by dikes.

By the end of the year a modified unit plan agreement had been entered into by General Petroleum Corporation and Union Pacific Railroad Company to cover operations in the major portion of the upper and lower Terminal zones in Fault Block 2 A. Each company will continue to operate its own wells, but the cost of operation and the production will be prorated on a fixed percentage basis. The primary



purpose of the agreement is to conserve the reservoir gas energy and make possible a much greater efficiency in production methods. The plan went into effect at midnight on December 31, 1950.

#### LOS ANGELES COUNTY

##### Honor Rancho Area

On August 23, 1950, The Texas Company discovered a new productive area when well No. "Honor Rancho (NCT-1)" 1 was completed in the Modelo (Miocene) formation between 5,261 and 5,418 feet for 673 barrels daily of 36.9-degree oil cutting 2.6 percent, and 428 Mcf. of gas. A total depth of 6,038 feet was reached, but the hole was plugged back to 5,421 feet before completion. This well, located on the Los Angeles County Sheriff's Department Honor Rancho, in Sec. 6, T. 4 N., R. 16 W., is about one-half mile east of U. S. Highway 99 and one and one half miles north of the junction of this highway with State Highway 126.

In December a second well, located to the west of the discovery well, was completed by the same company. Data from this second well indicate that the westerly limit of this new field may have been reached. The company plans additional wells to the east and south of the discovery well, but at the close of the year operations had not been commenced at either well. This new producing area has been designated Honor Rancho field as of January 1, 1951.

## DEVELOPMENT OPERATIONS IN DISTRICT NO. 1, 1950

Field	Notices filed, new wells	Drilling wells Dec. 31, 1950	Proposals to abandon		Total oil produced (bbl.)	Total water produced (bbl.)	Total net gas produced (Mcf.)
			Former produc- ing wells	Dry holes			
Aliso Canyon.....	8	2	0	1	1,454,477	144,641	1,192,108
Beverly Hills.....	0	0	0	1	28,055	77,275	3,429
Brea-Olinda.....	11	2	3	0	4,568,288	3,747,129	3,975,993
Coyote, East.....	11	1	2	1	1,892,363	2,320,945	1,321,223
Coyote, West.....	19	1	0	0	3,947,350	5,771,933	4,477,426
Del Valle.....	9	2	1	1	1,297,458	1,216,751	4,676,584
Dominguez.....	9	1	3	2	4,594,211	5,460,399	6,436,132
El Segundo.....	0	0	0	0	107,069	693,887	55,652
Gas zone.....							<sup>2</sup> (183,369)
Huntington Beach <sup>*</sup> .....	79	15	10	3	<sup>2</sup> 20,524,489	14,240,906	15,645,730
Imperial Carbon Dioxide Gas.....	9	0	3	0			128,999
Inglewood.....	28	2	1	0	4,853,962	11,889,221	3,679,024
Lawndale.....	0	0	0	0	197,879	1,142,418	132,249
Long Beach.....	63	1	25	0	<sup>2</sup> 8,347,060	31,299,324	7,505,492
Los Angeles City.....	0	0	2	0	76,393	307,108	0
Los Angeles, East.....	4	0	0	0	562,038	424,069	655,689
Montebello.....	10	0	1	0	2,170,779	13,141,274	2,718,624
Newhall.....	8	0	3	4	28,245	18,437	19,816
Newhall-Potrero.....	12	3	0	1	2,994,862	127,615	1,733,889
Newport.....	0	0	0	0	0	0	0
Newport, West.....	6	0	7	0	1,784,378	1,060,183	360,123
Gas zone.....							0
Oak Canyon.....	2	0	0	1	601,697	74,293	762,769
Placerita.....	55	0	7	9	<sup>2</sup> 5,785,256	377,644	926,138
Playa del Rey.....	0	0	3	0	604,333	5,056,359	663,810
Del Rey Hills Gas Storage.....							<sup>2</sup> 900,505
Potrero.....	0	0	0	0	435,566	609,897	6,033,717
Richfield.....	24	1	4	1	<sup>2</sup> 3,388,842	2,658,667	1,913,337
Rosecrans.....	1	0	3	0	<sup>1</sup> 1,968,539	2,257,700	5,556,014
Salt Lake.....	0	0	0	0	73,794	474,241	0
Santa Fe Springs.....	10	1	6	2	5,303,887	23,200,807	4,948,183
Seal Beach.....	11	1	0	0	4,299,733	10,325,227	4,136,440
Torrance.....	6	0	12	0	2,586,332	2,784,858	1,516,530
Turnbull.....	0	0	1	0	26,867	50,064	24,667
Whittier.....	10	1	1	0	749,969	935,458	466,342
Wilmington.....	201	18	7	2	<sup>1</sup> 46,227,125	18,631,504	<sup>2</sup> 49,599,410
Wildcat areas by counties.....							
Imperial County.....	1	0	0	1	0	0	0
Los Angeles County.....							
Alondra Area.....	0	0	0	0	120,514	143,446	82,548
Castaic Area.....	6	1	0	2	36,787	15,020	27,338
East Dominguez Area.....	0	0	0	0	7,179	24,489	10,664
Hyperion Area.....	0	0	0	0	12,341	2,198	2,245
Leffingwell Area.....	0	0	0	0	1,127	3,121	8,352
Puente Area.....	3	0	0	2	1,892	1,656	0
Northwest Rosecrans Area.....	0	0	0	0	1,626	200	0
Simi Area.....	0	0	0	0	2,888	439	523
Whittier Heights Area.....	0	0	0	1	2,721	43	0
All Others.....	38	4	0	35	0	0	0
Orange County.....							
Buena Park Area.....	0	0	0	1	7,710	49,326	1,765
Talbert Area.....	0	0	0	0	3,191	2,709	0
All Others.....	6	2	0	4	0	0	0
Riverside County.....	7	1	0	6	0	0	0
San Bernardino County.....							
Chino Hills Area <sup>4</sup> .....	3	0	0	1	2,980	162	183
Chino-Mahala Area.....	1	0	2	2	410	2,905	0
All Others.....	2	0	0	2	0	0	0
San Diego County.....	0	0	0	1	0	0	0
Totals.....	673	60	107	87	130,682,662	156,765,954	131,572,188
Net withdrawal from storage.....							717,136

\* Includes Huntington Beach tideland wells.

<sup>1</sup> Carbon dioxide gas not included in total.<sup>2</sup> Net withdrawal from storage. Parentheses indicate negative figure due to net storage. These figures carried in separate total.<sup>3</sup> Totals are corrected to include adjustment figures received too late to be included in tables published for first half of 1950.<sup>4</sup> New area.

## **OPERATIONS IN DISTRICT NO. 2, 1950**

By E. J. KAPLOW, Deputy Supervisor

Drilling activity decreased substantially in 1950. There were 143 notices of intention to drill new wells filed as compared to 202 in 1949. Part of the decrease was due to shortages, particularly of steel casing, as the national emergency grew. However, most of the decrease was due to the completion of drilling undeveloped acreage. Fields like Ventura, with large amounts of development still to be done, actually showed a small increase in the number of new wells.

There were no new fields discovered in the district. Small extensions were made at Timber Canyon in the Santa Paula field, at Holser Canyon in the Piru field, and at South Mountain. Important extensions were made in the Ventura field, both on the north flank and along the axis to the east.

### **BARDSDALE**

Drilling activity continued to decline in the Bardsdale field during 1950. Ten notices of intention to drill were filed, of which six were for Eocene wells. Proved acreage in this zone was extended somewhat but definite limits seem to have been established to the west by Union Oil Company of California well No. "Geis-Robertson" 24, Sec. 12, T. 3 N., R. 24 W., S. B. B. & M., which was drilled to a depth of 6245 feet and found to be nonproductive.

Water drive projects, which were started at Grimes Canyon by Union Oil Company of California and at Shiells Canyon by The Texas Company during 1949, were continued through 1950 without any conclusive results being obtained as yet.

Fullerton Oil Company drilled well No. W-1, Sec. 3, T. 3 N., R. 19 W., at the east end of the Shiells Canyon area. This is the first of a number of new wells to be drilled under a water drive project to flood the Elkins zone. A number of abandoned wells are to be reconditioned and used as water-input wells, as part of this same project.

### **OJAI**

Seven new wells were started in the Ojai field during the year as compared to four during 1949. There was nothing of particular interest to this drilling except that Humble Oil and Refining Company probably completed its development of the Eocene pool at Lion Mountain. Well No. "Theo E. Hammond" 3 was completed as a small producer and wells No. "Theo E. Hammond" 4 and "Berylwood Investment Co." B-1 were abandoned during the year without obtaining production. There are three producers in the pool.

### **PIRU**

Nine new wells were drilled in the Piru field during 1950. Of these four were drilled by Fullerton Oil Company in the Tapo Canyon area in Sec. 36, T. 4 N., R. 18 W. These wells are part of a water-drive

project which the operator is starting in the area. The project has been thoroughly engineered and operations are being conducted in accordance with all the best practices. It should be a good test of whether water drive can be made to pay in what seems to be a typical California set of conditions. It will take some time before any results can be expected.

It has been reported that oil was discovered in this area in 1882. Probably less than 500,000 barrels of oil have been taken out by primary methods of production. There has been no production in the area since 1943 when the last of the producing wells was abandoned. Fairfield-Volunteer Petroleum Company completed well No. "Holser" 4, Sec. 14, T. 4 N., R. 18 W., in the Holser Canyon area on September 28, 1950, for an initial production of 60 barrels of 26-degree gravity oil. The depth of the producing interval is 4575 to 5119 feet. The well is located on the Ramona anticline but is completed in a different pool from that which is producing in the Ramona field. J. M. Jackson well No. "Holser" 1 has been producing from the pool since 1942. The new well qualifies, therefore, as an extension rather than a discovery.

#### RINCON

Seventeen notices to drill were filed for the Rincon field during 1950. Of these, seven of the wells were in the San Miguelito area, six in Padre Canyon, three in the old Rincon area and one a wildcat located on the Red Mountain anticline considerably to the north of the main producing structures.

Most of the drilling was routine development but one event of some interest occurred which did not involve a new well. Chanslor-Canfield Midway Oil Company drilled well No. "Hobson" C-11, Sec. 17, T. 3 N., R. 24 W., to a depth of 14,155 feet. After considerable zonal testing, the well was finally completed in 1946 as a small producer averaging only 26 barrels of oil per day, with all perforated intervals from 8320 to 13,560 feet open to production. Production increased slightly but was always disappointing. Perforations in the interval, 8320 to 9145 feet, had been made originally through two strings of casing with a regular gun-perforator. This interval was re-perforated with a jet-gun and the well recompleted for over 300 barrels per day in August 1950.

In the San Miguelito area, Continental Oil Company started well No. "Grubb" 301, Sec. 25, T. 3 N., R. 24 W., in 1949. Drilling was discontinued on February 24, 1950, at a depth of 16,727 feet, after getting into a fishing job. The top of Miocene was encountered at about 12400 feet. Some Miocene sands below 14,575 feet could not be tested because a liner collapsed. A series of tests was then made of sandy zones from 14,480 to 9675 feet but no commercial production could be developed. The well was finally completed in the third Grubb zone from 8742 to 8930 feet. It now appears possible that the well was drilled a little too far north for a satisfactory test of the deeper zones.

#### SANTA PAULA

Richfield made a small extension in the Timber Canyon area when it completed well No. "West" 1, Sec. 13, T. 4 N., R. 21 W. The well is located north of the San Cayetano fault at the surface. It passed through the fault at a depth of about 1000 feet and was drilled to 3938 feet,

plugged back to 3325 feet and completed in the interval 2891 to 3325 feet, for about 30 barrels per day of 34.8-degree gravity oil.

#### SOUTH MOUNTAIN

Drilling reached its lowest level since 1944 in the South Mountain field. Only 13 notices of intention to drill were filed as compared to 38 in 1949. F. E. Fairfield extended proved acreage over 1000 feet at one point along the south flank when he completed well No. "Sence" 1, Sec. 20, T. 3 N., R. 20 W., for 212 barrels of oil per day from formations between 4137 and 5060 feet.

Shell Oil Company drilled well No. "Ben Schieferle" 1, Sec. 16, T. 3 N., R. 20 W. near the surface axis of the structure and over a mile east of the nearest producing well. The well was drilled to a depth of 7985 feet and plugged back to 7055 feet. An attempt was made to produce the well from the interval 6860 to 7055 feet, but it would produce only a small volume of gas and a little water and was abandoned.

#### VENTURA

As usual the Ventura field was the most active in the district. Notices of intention to drill 56 new wells were filed as compared to 51 in 1949. Interesting developments occurred on all sides of the field. Practically no drilling was done at the west end but there have been some completions near the east boundary of the San Miguelito area of the Rincon field adjoining Ventura field to the west, so it seems that some drilling will have to be done soon.

Most of the drilling was confined to the north flank. During 1949 some local extensions of proved acreage were made on this flank, particularly in the D-6 zone. During 1950 a number of wells were drilled extending these extensions laterally. Los Nietos Company, however, went out about 2300 feet north of the nearest producer and this proved to be too far. The well was drilled to a depth of 14,596 feet without finding any important showings of oil or gas. It penetrated several hundred feet into the D-6 zone which was found to be wet. Conditions were surprisingly regular at the well with little of the faulting so characteristic of Ventura field.

Lloyd Corporation, Ltd., extended the proved limits about 3200 feet east along the axis, with the completion of well No. "Lloyd Corporation" S-1, Sec. 19, T. 3 N., R. 22 W. In fact an extension of about a mile was made with the drilling of well No. "Lloyd Corporation" S-2, although the well had not yet been placed on production at the end of the year. Both wells are D-6 wells but some production was obtained from the D-7 zone in the first well before the liner collapsed.

On the south flank, Sam Bennett, Operator, drilled well No. "Bennett-Foster" 1, Sec. 28, T. 3 N., R. 23 W., to a depth of 12,662 feet and abandoned it without being able to develop any production. Some faulting was noted around 11,200 feet but most engineers doubt that this is the Barnard fault. Bottom hole temperatures were noteworthy. A survey showed a temperature of 390 degrees Fahrenheit at 12,194 feet.

Shell Oil Company drilled well No. "Taylor" 315, Sec. 28, R. 3 N., R. 23 W. as a deep test. The well was thought to be favorably located for the purpose and encountered the top of the D-7 zone at about 8830

feet. It was drilled to a depth of 12,787 feet and it was rumored that it had gone into the Miocene, the rumor apparently being based on the amount of the hole drilled below the top of the D-7 zone. However, it was announced that the Miocene had not been reached. Thrust faulting, with repetition of beds, accounted for the thick interval. The hole was plugged back to 11,200 feet and the well placed on production in the lower D-7 zone.

#### VENTURA COUNTY

Exploratory drilling in Ventura County outside the limits of the designated fields was all unsuccessful. For a time it was thought that a small discovery had been made at South Tapo Canyon when John McQuaid completed well No. "Tapo" 1, Sec. 13, T. 3 N., R. 18 W., as a small producer at a depth of 566 feet. Oil production dwindled rapidly to about 1 barrel per day and water production rose to nearly 100 barrels per day. Efforts to shut off the water were unsuccessful. Aeco Corporation took over and drilled a second well. It proved to be noncommercial also and both wells were abandoned.

#### DEVELOPMENT OPERATIONS IN DISTRICT NO. 2, 1950

Field	Notices filed, new wells	Drilling wells Dec. 31, 1950	Proposals to abandon		Total oil produced (bbl.)	Total water produced (bbl.)	Total net gas produced (Mcf.)
			Former produc- ing wells	Dry holes			
Bardsdale.....	10	2	0	2	934,384	275,121	2,014,613
Conejo.....	0	0	0	1	160	100	0
Montalvo, West.....	2	1	0	1	259,227	13,344	595,266
Ojai.....	7	3	7	3	55,184	39,780	18,009
Oxnard.....	0	0	0	1	296,242	6,351	37,376
Piru.....	9	1	0	2	234,218	175,188	271,483
Ramona.....	2	0	0	0	*1,753,869	*142,293	*2,332,862
Rincon.....	17	4	0	1	6,661,978	1,382,328	12,592,274
Santa Paula.....	5	1	0	0	117,419	102,226	4,533
Sespe.....	6	1	0	6	93,276	80,923	14,476
Simi.....	2	0	0	2	34,293	10,839	2,605
South Mountain.....	13	0	1	1	2,590,818	205,333	4,018,881
Temescal.....	1	0	0	1	185,778	295,590	171,408
Ventura.....	56	20	3	3	20,987,703	4,284,941	39,355,181
Wildcat Areas (Ventura County)							
South Tapo Canyon Area.....	2	0	2	0	541	7,440	0
All Others.....	11	3	0	11	0	0	0
Totals.....	143	36	13	35	34,205,093	7,021,997	61,428,967

\* Includes some field production in District No. 1.



## **OPERATIONS IN DISTRICT NO. 3, 1950**

S. G. DOLMAN, Deputy Supervisor

The number of notices for new wells declined in 1950, only 287 notices to drill being filed during the year as compared with 392 during 1949. This was largely because of a decrease in wildcatting and the completion of drilling operations in the Russell Ranch field. Notices of abandonment filed numbered 124, and of these, 13 were for former producing wells.

Interest in the Cuyama Valley shifted from the southeastern end of the Valley to the northwestern end where two important discoveries were made in areas now designated as Morales field and Taylor Canyon area. An oil accumulation was discovered in San Benito County near the old Sargent field. The areal extent of this oil pool remained to be demonstrated at the close of the year. There was very little development in the fields where heavy crude oil is produced.

The most active field by far was South Cuyama, with Morales (a new field), Russell Ranch, and Cat Canyon following in that order.

Geophysical crews, both seismic and magnetic, were active in the southern half of the district during the year.

Following is a resume of the development by fields and areas; those omitted have no development of interest.

### **ARROYO GRANDE**

Seven notices of intention to drill were filed during the year in Arroyo Grande field, most of them by C. W. Colgrove, on his leases in the east end of the field, in an attempt to develop the producing zone at the base of the Pliocene in the Pismo formation. The results have not been encouraging.

Signal Oil and Gas Company completed two wells in the Dollie sand found at 1600 feet. The wells have from 70 to 100 feet of sand open and produce from five to eight barrels per day of 14- to 15.5-degree gravity oil with water cuts ranging from 16 to 28 per cent.

Signal Oil and Gas Company is continuing with an experimental water drive project to recover oil from the depleted Dollie sand of the Tiber area. Displacing the oil from the pores of an oil sand by artificial water flooding, in a sand that was originally a water drive sand, should result in a large increased recovery of oil. It is thought that the Arroyo Grande field is exceptionally favorable for a project of this type. There are many complex problems that confront the operator in carrying out this project and since it is still in the experimental stages no water figures or results of tests are available for release at this time.

### **CAT CANYON**

The northwestern part of Cat Canyon field experienced considerable new drilling during the year. Nine completions were made in the Miocene chert zone with about 1300 feet of chert open to production. The top of the Miocene varies from 5000 to 5400 feet in depth in this area. The wells



obtained initial daily production rates varying from 212 to 412 barrels of 18-degree gravity oil with water cuts ranging from 3 to 17 per cent. It is anticipated that more drilling will be done to attempt further north-westerly extension of this zone.

#### GOLETA

Four new wells were drilled in the Goleta field to test for Sespe-Eocene contact production found at 1100 feet. Of these, three had been abandoned and the remaining well was testing oil showings in the Sespe at the close of the year.

#### MORALES

The successful completion on April 1, 1950, of The Superior Oil Company's well No. "Government" 18-2, in Sec. 2, T. 11 N., R. 28 W., S. B. B. & M., opened up an entirely new productive area of high gravity oil, designated Morales field. The field lies high in the jagged hills on the northwest side of Cuyama Valley, about 1300 feet above the valley floor and three miles northwest of Russell Ranch field. The producing zone is a basal conglomerate (lower Miocene) that rests on granitic rock. The subsurface geology is obscured by the Whiterock thrust fault. The beds beneath the thrust are steep dipping, even overturned in places. The structural picture is further complicated by faults trending roughly parallel to the strike of the beds and possibly also by some minor cross-faulting. Because of the complexity of the highly faulted area, offset wells to the discovery well have found the zone not present or have been completed as relatively small pumping wells averaging 110 barrels per day. The gravity of the oil varies from 36 to 38.8 degrees.

The discovery of oil production in the Morales formation (Pliocene) was made by The Hancock Oil Company of California in well No. "Hancock-Oceanic" 65-10, Sec. 10, T. 10 N., R. 28 W., which is located about 4000 feet southwest of The Superior Oil Company's discovery well. The initial production was 68 barrels per day of 32.8-degree gravity oil. Since the discovery, 14 wells have been drilled to the Morales oil zone. Three of these wells, drilled in the southeast end of the area, were abandoned after drilling through the zone. The sands were found to be wet. The initial production of the Morales zone wells ranged from 29 to 233 barrels per day of 28.9- to 36.6-degree gravity oil. The depth to the oil zone is about 2000 feet. The Morales formation in this area rests on Cretaceous.

#### RUSSELL RANCH

The sharpest decline in activity occurred in Russell Ranch field. The 23 notices for new wells amounted to only one-fourth the number received during 1949.

The only notable development in the Russell Ranch field was the completion of Richfield Oil Corporation well No. "Sloan C" 183-26, Sec. 26, T. 11 N., R. 28 W., in the top Santa Margarita sands from the interval 2105-2210 feet. The well was completed November 24, 1950, flowing 157 barrels per day of 24.3-degree gravity oil cutting 1.5 per cent water.

The only other commercial Santa Margarita zone well was Norris Oil Company well No. "Cuyama" 2 in Sec. 25A, the discovery well in

the Russell Ranch field, which was completed in January 1948 with an initial production of 190 barrels per day of 26-degree gravity oil cutting 0.2 per cent water. The percentage of water produced quickly increased to 50 per cent in less than a month. The well was deepened to the Dibblee sand during the early part of 1950.

The unit plan was put into effect in the Russell Ranch field for the control of production from the Dibblee zone, with Richfield Oil Corporation the designated operator. Richfield Oil Corporation has been injecting gas into the top Dibblee sands since February 1949.

#### SAN ARDO

Development in the San Ardo field was resumed during the last half of 1950 and was limited to offset wells drilled by The Texas Company in the SE $\frac{1}{4}$  and NW $\frac{1}{4}$  of Section 3 and the NE $\frac{1}{4}$  of Section 4.

Seven notices to drill were filed, of these, one well was drilling on December 31st, and one well remained to be drilled. Three wells were completed in the Aurignac sand and two wells were completed in the Lombardi sand.

The San Ardo field has been shut-in during the past year, due to a lack of market for the low gravity crude oil produced there. The gravity is around 11 degrees and the oil contains very little gasoline.

#### SOUTH CUYAMA

The South Cuyama field was the most active field in District No. 3 during 1950. One hundred eleven notices of intention to drill new wells were filed, continuing the steady development program instituted shortly after the completion of the discovery well on May 4, 1949. The only well abandoned during the year was Richfield Oil Corporation well No. "Cox" 13-5, Sec. 5, T. 9 N., R. 26 W., which was drilled on the southeast end of the field, found the Dibblee sand unproductive and was abandoned.

The most notable development in the South Cuyama field was the discovery of the Hibberd sand by Richfield Oil Corporation in well No. "Hibberd" 22-6, in Sec. 6. The well was completed on November 9, 1950, flowing 313 barrels per day of 35.2-degree gravity oil. The sand body is 60 feet thick and is approximately 180 feet below the Dibblee sand, separated by a shale body. This new oil sand is of importance because of its discovery in the Dibblee sand gas cap area where the entire zone is gas. Whether or not the new zone extends under the entire gas cap had not been demonstrated at the close of the year.

#### ZACA

Drilling activity in the Zaca field maintained about the same pace as in 1949. Four notices to drill were filed in 1950 as compared to three during the previous year. The oil from this field averages 8-degree gravity. The production is from the fractured Monterey chert zone.

#### SAN BENITO COUNTY

##### Lomerias Area

An oil accumulation in a basal Pliocene sand was discovered by Jack Herley, Operator, about three miles southeast of the old Sargent field. Well No. "O'Connell" 1, Sec. 4, T. 12 S., R. 4 E., M. D. B. & M., was

completed on August 29, 1950, pumping 30 barrels per day of clean 22.9-degree gravity oil from the interval 1938 to 2106 feet.

The well was drilled to a total depth of 2836 feet and was then plugged back to test a fine grained oil sand cored at 2050 feet. The Franciscan formation was encountered at 2060 feet. The second test, well No. "O'Connell" 2, located 600 feet southwest of the discovery well, was drilled to a total depth of 3577 feet, but the zone was found to be unproductive and the well was abandoned in November, 1950. The operator filed a notice to drill well No. "O'Connell" 3 in Sec. 4, approximately 600 feet northwest of the discovery well, but the well had not been started at the end of the year.

The areal extent of oil accumulation no doubt will be quite small. The wells apparently are being drilled very near the Sargent fault zone. Immediately north of this area the Franciscan formation is covered only by a thin mantle of alluvium. The Lomerias area, like the Sargent oil field, is located on the north side of a narrow trough about three miles wide that is bounded on the northeast by the Sargent fault and on the southwest by the San Andreas fault. The predominant formations exposed in this narrow belt are Monterey sandstone and shales that are overlapped on the southeast by Pliocene sediments. The oil found in the Lomerias area no doubt had its origin in the diatomaceous shales of the Monterey group found exposed in isolated areas.

The production in the Lomerias area, like that in the Sargent field, is found in a basal Pliocene fine-grained to conglomeratic sandstone that rests on the Franciscan formation in both producing areas.

#### SAN LUIS OBISPO COUNTY

##### Taylor Canyon Area

Oil in Taylor Canyon Area was discovered by The Hancock Oil Company of California in well No. "Hancock-Bishop" 44-31, Sec. 31, T. 32 S., R. 20 E., M. D. B. & M., which was completed as a pumping well on August 22, 1950. Initial production was 217 barrels per day of 38.2-degree gravity oil from a coarse sand body, of lower Miocene age, encountered from 5795 to 6020 feet.

This discovery was followed by the drilling of Universal Consolidated Oil Company well No. "Humble" 81-36, Sec. 36, T. 32 S., R. 19 E. The well was suspended after drilling to 5691 feet without encountering any commercial oil or gas showings. The same Company then drilled well No. "Humble" 55-31 in Sec. 31, just one location southeast of the discovery well, and found no commercial oil or gas production down to a depth of 5444 feet and was abandoned. Based on this information it seems that the producing area will be quite small.

The producing formation appears to be similar to that of the deep zone of the Morales field, with the exception that more sand is present in the Taylor Canyon area, giving the zone more the appearance of a fine to very coarse-grained sand body than of a conglomerate.

## SUMMARY OF OPERATIONS—OIL FIELDS

61

## DEVELOPMENT OPERATIONS IN DISTRICT NO. 3, 1950

Field	Notices filed, new wells	Drilling wells Dec. 31, 1950	Proposals to abandon		Total oil produced (bbl.)	Total water produced (bbl.)	Total net gas produced (Mc.)
			Former produc- ing wells	Dry holes			
Arroyo Grande.....	7	0	1	4	67,996	372,798	2,700
Captan.....	0	0	0	0	774,340	4,993,997	845,162
Casmalia.....	0	0	0	0	91,470	297,630	133,365
Cat Canyon.....	15	4	0	2	5,677,384	5,791,558	1,416,024
Elwood.....	0	0	2	0	2,312,972	4,159,998	1,654,112
Goleta.....	4	1	0	3	0	0	0
La Goleta Gas.....	0	0	0	0	0	0	<sup>1</sup> (1,659,866)
Lompoc.....	0	0	0	0	990,001	1,126,984	126,877
Mesa.....	0	0	1	0	7,948	43,794	0
Midway (San Luis Obispo Co.).....	0	0	0	0	2	2	2
Moody Gulch.....	0	0	0	0	584	26	0
Morales.....	24	4	0	5	251,535	7,124	119,634
Orcutt.....	1	0	0	0	1,362,939	2,849,042	2,284,338
Rio Vista Gas (Contra Costa Co.).....	0	0	0	0	2	2	2
Russell Ranch.....	23	4	1	6	7,929,497	846,838	2,854,560
San Ardo.....	7	1	0	0	188,068	2,456	3,710
Santa Maria Valley.....	0	0	7	0	4,464,128	8,145,859	9,730,842
South Cuyama.....	111	2	0	1	8,574,867	121,136	3,803,937
Summerland.....	0	0	0	0	6,105	3,802	0
Gas Zone.....	0	0	0	0	0	0	264,369
Zaca.....	4	1	0	0	555,997	58,461	0
Wildcat Areas by counties:							
Alameda.....	2	0	0	2	0	0	0
Contra Costa.....	4	0	0	7	0	0	0
Monterey.....	8	0	0	8	0	0	0
San Benito.....	12	1	1	10	3,555	146	0
San Luis Obispo.....	27	3	0	29	0	0	0
(Guadalupe Area).....	0	0	0	0	17,925	2,129	1,815
(Taylor Canyon Area).....	4	1	0	1	18,254	4,300	6,954
San Mateo.....	3	0	0	3	0	0	0
Santa Barbara.....	28	7	0	27	0	0	0
Santa Clara.....	1	0	0	0	0	0	0
Santa Cruz.....	2	0	0	3	0	0	0
Totals.....	287	29	13	111	33,329,565	28,728,078	23,248,399
Net withdrawal from storage.....							<sup>1</sup> (1,659,866)

<sup>1</sup> Net withdrawal from storage. Parentheses indicate negative figure due to net storage. These figures carried in separate total.

<sup>2</sup> Reported by District No. 5.

<sup>3</sup> Reported by District No. 4.

## **OPERATIONS IN DISTRICT NO. 4, 1950**

R. W. WALLING, Deputy Supervisor

There was a large decrease in drilling activity in District No. 4 during 1950. The number of notices to drill new wells filed was 553, compared with 734 in 1949 and 1129 in 1948. As during 1949, a few small discoveries were made in 1950, but none of them was of sufficient importance to add materially to the oil and gas reserves of the district.

Total production in District No. 4 was 87,194,015 barrels of oil and 77,686,242 Mcf. of gas in 1950, compared with 94,766,292 barrels of oil and 90,617,382 Mcf.\* of gas in 1949. Stored gas was increased by 4,404,499 Mcf. during the year, compared with an increase of 8,668,078 Mcf. in 1949. A cumulative net total of 45,961,557 Mcf. of gas was in storage underground in the district as of January 1, 1951.

### **WEST SIDE FIELDS**

Drilling and development activity on the west side of the district, which comes under the supervision of the Taft office, continued to decline during 1950. Only 256 notices of intention to drill new wells were received, as compared to 329 the previous year. There was also a decline in the number of proposals to abandon, 110 being received as compared to 139 the year before. Of the 110 proposals to abandon, 58 were for dry holes.

The three most active fields in their order of importance were Midway-Sunset, South Belridge, and Elk Hills. These three fields accounted for 158 of the 258 notices of intention to drill new wells received during the year.

One new productive area was discovered, the extent or importance of which has not been determined.

### **SOUTH BELRIDGE**

In South Belridge field 53 notices of intention to drill new wells were received. Most of the development work took place in the northwest part of the field, and most of the wells were completed in the "12" zone (Etchegoin). Initial production averaged approximately 30 barrels per well per day of 23.9-degree gravity oil.

### **NORTH COLES LEVEE**

Routine development continued in the North Coles Levee field. Of the eight wells for which notices of intention to drill were received, six were completed during the year. Initial production varied from 80 to 305 barrels per well per day of 33.8- to 34.5-degree gravity oil.

### **CYMRIC**

Ten notices of intention to drill and six notices to abandon were received for wells in Cymric field. Seven wells were completed, six of which were shallow wells in the Welpport area. Shallow-zone completions

\* Revised figure.

averaged 40 barrels per day of 12-degree gravity oil with cuts varying from 35 to 50 per cent.

#### DEVILS DEN

For the second successive year there was considerable activity in Devils Den field. Seven proposals to drill were received, all of which were in the Alferitz area to the north of the older portion of the field. Two very good completions were obtained by Gilliland Oil Co. & C. O. Davis in their wells No. "Alferitz" 5 and "Alferitz" 6, Sec. 14, T. 25 S., R. 18 E., M. D. B. & M.

#### ELK HILLS

One of the three most active fields on the west side of the district was Elk Hills. The continued intensified development of the Stevens zone accounted for all of the proposals to drill, of which there were 41. Forty-seven wells were completed during the year, including 12 that were started the previous year. Proposals to abandon 26 shallow-zone wells were also received, and at the end of the year six wells were drilling.

Unit Operation Naval Petroleum Reserve No. 1, Standard Oil Company of California, Operator started an interesting deep test in the westerly portion of the Elk Hills structure. This project, identified as well No. X-55-30R, Sec. 30, T. 30 S., R. 23 E., was drilling below 8000 feet to test formations from the base of the Stevens zone to the Point of Rocks sands of Eocene age.

#### LOST HILLS

Only eight notices to drill new wells in Lost Hills field were received during 1950.

General Petroleum Corporation well No. "Williamson" 33-11, Sec. 11, T. 26 S., R. 20 E., a deep test in this field, was abandoned after drilling to a depth of 11,553 feet. The well was drilled into formations of Cretaceous age without encountering any oil or gas showings of commercial importance.

#### McKITTRICK

The results of activity in McKittrick field during 1950 were very disappointing. The new productive area of the field was extended one-half mile to the south by the completion of Pacific Western Oil Corporation well No. "Rankin" 82-A-31, in Sec. 31, T. 30 S., R. 22 E. The well, which was completed in the Oceanic sand of Oligocene age, was reported to have had an initial production in excess of 3000 barrels of 35.7-degree gravity clean oil per day. However, of the 10 wells drilled during the year, only three were completed.

#### MIDWAY-SUNSET

Development activity in the Midway-Sunset field decreased approximately 23 per cent from the previous year. Sixty-two notices of intention to drill new wells were received and 23 proposals for abandonment of which seven were for dry holes.

Of the 41 wells in Midway field for which notices of intention to drill were received, 30 were completed to production and, in addition, two wells started in 1949 were also completed. The activity consisted of developing known Pliocene sands and was concentrated in the Buena



Vista front area, in and along the easterly plunge of the Spellacy Anticline and in the S $\frac{1}{2}$  of Sec. 9, T. 32 S., R. 24 E. In the latter area production was obtained from a new sand development in the basal portion of the Calitroleum zone.

In the Sunset field 17 of the 21 wells for which notices of intention to drill were filed and also four wells started in 1949 were completed to production. All except four were drilled on the Thirty-Five Anticline for known Pliocene and upper Miocene sands. A new fractured shale pool was discovered by General Petroleum Corporation well No. "Ethel D" 101, in the SE $\frac{1}{4}$  of Sec. 36, T. 12 N., R. 24 W., S. B. B. & M., which was completed for approximately 80 barrels of 18.7-degree gravity oil per day. This fractured zone is stratigraphically equivalent to the upper Obispo zone of upper Miocene age.

#### PALOMA

During the year 1050, development activity in Paloma field declined to about one-half of that in 1949. Only ten notices of intention to drill new wells were filed, nine of which were completed. In addition, three wells started the previous year were completed and one was suspended. Completions averaged 410 barrels per well per day of 41.8- to 56.3-degree gravity oil. At the end of the year one well was drilling and one redrilling.

#### WASCO

In the Wasco field Standard Oil Company of California was deepening its well No. "Mushrush" 2, Sec. 7, T. 27 S., R. 24 E., M. D. B. & M. The decision to deepen this well resulted from the successful completion the previous year of the company's well No. "Mushrush" 5 as the deepest producing well in the world and which is located in the same section. Well No. "Mushrush" 2 was deepened to 15,550 feet; and should it be successfully completed, it will be the deepest producing well in the world with the producing interval being 15,262 to 15,548 feet in sands of Eocene age. However, at the end of the year the well had encountered mechanical difficulties and completion was being somewhat delayed.

#### KERN COUNTY

##### North Antelope Hills Area

The discovery made in 1949 by Independent Exploration Company well No. "Bolton" 83, Sec. 27, T. 27 S., R. 19 E., was found to be of no commercial value and the well was finally abandoned. However, approximately one mile northeast of well No. "Bolton" 83 and two miles northwest of Antelope Hills field, Shell Oil Company made a new discovery in well No. "Hopkins B" 63X-23, Sec. 23, T. 27 S., R. 19 E. The well was completed in the Agua sand of lower Miocene age, and, during the initial production test, flowed at the rate of 500 barrels of 15.8-degree gravity clean oil per day. By the end of the year five wells had been completed, two wells, which failed to find production, were abandoned, and one well was drilling.

In addition to the eight wells referred to above, notices of intention to drill 27 new wells outside of field boundaries on the west side of the district were received. At the close of the year only three wells were drilling and 28 notices of intention to abandon had been filed. An interesting deep well which was abandoned was Standard Oil Company of



California well No. "Van Sicklen" 45, Sec. 36, T. 27 S., R. 21 E., approximately five miles southeast of Lost Hills field. The well, in progress slightly over two years, reached a total depth of 14,577 feet in formations of Oligocene age and was reported to have cost in excess of one and one-half million dollars.

#### EAST SIDE FIELDS

Development and exploration on the east side of District No. 4, supervised by the Bakersfield office, decreased about 27 percent during the year. The number of notices of intention to drill new wells filed during 1950 was 297, compared with 405 notices in 1949. The number of notices to abandon decreased from 228 in 1949 to 148 in 1950.

Very little drilling was done during 1950 in the fields yielding heavy oil because of the low price offered for low gravity crude. Extensive drilling continued in Tejon Hills field resulting in the discovery of two deeper pools in the southern end of the field. Most of the other activity occurred in Edison field and to a lesser extent in Fruitvale and Mountain View fields. Following are brief discussions of those fields having important developments, and of wildcat results.

#### CANFIELD RANCH

Eleven notices of intention to drill new wells in Canfield Ranch field were filed during 1950 compared with 13 notices filed during 1949. Seven wells were completed, three were abandoned and two wells were in the process of being drilled at the end of the year. All of these wells except two were development wells of the accumulation in the northeast corner of the field, sometimes referred to as the Gosford area, discovered in the latter part of 1948. The two wells not in this area were drilled by Western Gulf Oil Company and were located about one mile to the west in search of another accumulation. Both wells were abandoned after all known producing zones had been penetrated and no commercial showings of oil or gas were found.

#### EDISON

Drilling activity in the Edison field continued during 1950 at almost the identical rate as that in 1949. Sixty notices to drill new wells were filed during 1950, and 46 wells were completed, compared with 61 notices and 50 completed during 1949.

Most of the activity consisted of development work in the west and southwest parts of the field. However, Richfield Oil Corporation made a discovery in the extreme northern part of the field about one-quarter of a mile west of the Race Track Hill area of Edison field. The discovery well "Shields Arms" 72-32, Sec. 32, T. 29 S., R. 29 E., was drilled to a total depth of 3672 feet and after finding only gray sands below 3580 feet, it was plugged back to 3580 feet and completed with an interval of the Olcese (Miocene) sands extending from 3498 feet to 3578 feet open to production. The well was completed December 4, 1950, flowing 345 barrels of 12.5-degree gravity oil per day, cutting 4 per cent water. Strangely enough, the Olcese zone is not productive in the nearby Race Track Hill area but is productive in Ant Hill field about two miles to the northeast. The top of the Olcese zone is found at about 2500 feet in

the Ant Hill field and initial productions there averaged 150 barrels per day of 13-degree gravity oil cutting less than 10 per cent water.

An estimate of the size of this accumulation cannot be made at this time. A well started by Trico Oil and Gas Company within 1500 feet of the discovery well in December, 1950, failed to find production and was abandoned soon after the end of the year.

#### FRUITVALE

Drilling operations in Fruitvale field consisted entirely of development wells, no new discoveries being made. Twenty-five proposals to drill new wells were filed and 25 wells were completed during 1950, compared with 21 notices and 21 completions during 1949.

Production decline of the field was offset materially as a result of the recompletion of many of the old producing wells. Recompletion was accomplished by redrilling or by plugging back, and by selective perforating into individual sands. Marked success was attained in the northeast portion of the field for initial productions of from 10 to 100 barrels of oil per day, with cuts of about 50 per cent water, from the Fairhaven sand. These operations have assisted greatly in the location of depleted and low pressure sands and this knowledge will result in a greater ultimate recovery from the field.

#### TEJON HILLS

Tejon Hills field continued to be the most active of the east side fields. Sixty-six notices to drill new wells were filed and 43 wells were completed during 1950. The field was extended about one mile to the southwest, production being confined to a narrow strip along the west side of the northeast-southwest line of faulting.

South of the east-west center line of Sec. 21, T. 11 N., R. 18 W., S. B. B. & M., production is secured from deeper and lenticular middle Miocene sands. D. K. Associates well No. "D. K. Corral" 1 (now D. K. Partnership well No. "Corral" 13-28), Sec. 28, was drilled to a total depth of 1351 feet and completed February 2, 1950, flowing at a 200 barrel per day rate of 28.9-degree gravity oil. Production is from 35 feet of sand lying immediately below the *Valvulinaria Californica* marker (middle Miocene).

D. K. Associates—2 well No. 73 (now D. K. Partnership #2 well No. "Corral" 73-29), Sec. 29, T. 11 N., R. 18 W., about 1000 feet west of well No. "Corral" 13-28, found the interval immediately below the *Valvulinaria Californica* marker to be entirely shale. The well was completed on June 18, 1950, flowing at a 500 barrel per day rate of 33-degree gravity oil from sand in the interval from 1565 to 1675 feet. The top of this sand is 160 feet below the *Valvulinaria Californica* marker.

The extent of the field has not yet been determined and development is continuing. The shallow Santa Margarita sands, productive to the north, have not been tested in this area to date.

#### TRICO GAS

Only two notices to drill new wells were filed and three wells were completed in the Trico Gas field during 1950. All completions were from known Mya sands.

Trico Oil and Gas Company well No. "Tulare Farms" 55, Sec. 27, T. 24 S., R. 23 E., M. D. B. & M., started in December 1949, was drilled to a total depth of 11,252 feet without finding additional gas sands or commercial showings of oil. The well was plugged back and completed in the first Mya zone, at about 2500 feet, on March 27, 1950, with an indicated initial production of 4000 Mcf. of gas per day.

Two other deep tests have been drilled in the field. Standard Oil Company of California well No. "H. C. Morris" 1, Sec. 36, T. 24 S., R. 23 E., was drilled to a total depth of 11,466 feet without finding deeper commercial showings of oil or gas and was abandoned in 1938. Tide Water Associated well No. "Daniel" 35 (now Trico Oil and Gas Company "Daniel" 35) Sec. 22, T. 24, S., R. 23 E., was drilled to a total depth of 11,728 feet. After tests of light oil showings between 10,760 and 10,900 feet proved noncommercial, the well was plugged back and completed in the first Maya zone on December 21, 1940, for an indicated initial production of 7800 Mcf. of gas per day.

#### KERN COUNTY

Wildecat activity on the east side of Kern County decreased considerably during 1950 and no discoveries were made. Notices of intention to drill 53 wells outside of field boundaries were filed during the year compared with 75 notices during 1949.

#### TULARE COUNTY

##### Terra Bella Area

Production was started again for the first time since 1943 in the Terra Bella area of Tulare County by Congress Petroleum Company. This operator acquired E. B. Dunigan well No. 1, Sec. 22, T. 22 S., R. 27 E., in July, 1950, and after cleaning it out, placed it back on production in August, 1950, producing about eight barrels per day of 18-degree gravity oil along with 250 barrels per day of water.

Production in this area has been of little importance. Only three wells out of 27 drilled were completed and these produced only occasionally, from the time of discovery in 1930, to 1943. A total of only 23,721 barrels of oil has been produced from this area. This production is from thin lenses of sand in the Walker formation, a lower Miocene formation of terrestrial origin. The wells are from 800 to 1200 feet deep.

## DEVELOPMENT OPERATIONS IN DISTRICT NO. 4, 1950

Field	Notices filed, new wells	Drilling wells Dec. 31, 1950	Proposals to abandon		Total oil produced (bbl.)	Total water produced (bbl.)	Total net gas produced (McF.)
			Former produc- ing wells	Dry holes			
Antelope Hills.....	3	0	0	1	430,329	1,533,213	237,181
Ant Hill.....	0	0	0	0	178,599	610,826	6,339
Belridge, North, All Zones.....	0	0	0	0	1,009,938	571,900	
Belridge, North, All Zones except Temblor.....							15,526,153
Belridge, North, Temblor Zone.....							308,927
Belridge, South.....	53	0	1	5	1,923,379	1,930,180	316,029
Blackwells Corner.....	0	0	0	0	33,292	306,573	7,200
Bowerbank Gas.....	5	0	0	2			194,071
Buttontwillow Gas.....	0	0	0	0			43,296
Canal.....	0	0	0	0	656,041	112,138	1,305,818
Canfield Ranch.....	11	2	0	2	701,995	162,107	811,338
Coles Levee, North.....	8	2	0	0	6,126,465	238,798	<sup>1</sup> (1,008,142)
Gas Zone.....	0	0	0	0			357,046
Coles Levee, South.....	0	0	0	0	2,314,302	94,549	1,947,184
Gas Zone.....	0	0	0	0			1,655,114
Cymric.....	10	1	3	3	4,644,888	7,921,626	5,749,429
Devils Den.....	7	0	0	2	52,915	119,678	11,317
Edison.....	60	4	2	12	4,491,162	5,804,610	2,034,542
Elk Hills, All Zones.....	41	6	26	0	2,694,467	4,878,672	
Gas Zone.....							2,504,236
Upper Zone.....							<sup>1</sup> (1,920,176)
Stevens Zone.....							691,473
Fruitvale.....	25	0	2	0	2,879,778	4,978,029	598,479
Greeley.....	0	0	1	1	4,061,319	1,858,453	996,653
Kern Bluff.....	0	0	1	1	561,994	1,369,794	0
Kern Front.....	5	1	0	2	2,492,423	9,742,610	233,676
Kern River.....	14	4	2	4	3,416,783	50,861,451	2,236
Lost Hills.....	8	1	0	2	2,016,856	7,765,383	1,494,949
McDonald Anticline.....	4	0	2	1	117,941	299,135	155,721
McKittrick-Temblor.....	10	1	1	6	1,131,376	4,124,474	735,773
Midway-Sunset.....	62	8	16	7	23,480,546	36,251,445	8,616,665
Buena Vista Gas Zone.....	0	0	0	0			<sup>1</sup> (1,788,108)
Mount Poso.....	6	1	1	6	3,807,950	77,944,193	75,511
Mountain View.....	16	2	5	2	1,237,599	1,864,960	1,258,605
Paloma.....	10	2	0	0	5,636,820	235,895	20,904,178
Gas Zone.....	0	0	0	0			0
Poso Creek.....	11	0	2	4	831,500	4,853,224	59,604
Rio Bravo.....	1	0	1	0	3,748,451	1,315,539	1,824,723
Round Mountain.....	8	0	4	8	2,165,428	47,444,482	6,356
Semitropic Gas.....	0	0	2	0			116,834
Strand.....	0	0	1	0	363,823	768,408	263,308
Tejon.....	6	1	1	0	796,823	841,619	294,585
Tejon Hills.....	66	4	1	21	631,336	253,550	42,200
Ten Section.....	1	0	1	1	2,075,984	774,498	5,631,843
Trico Gas.....	2	0	0	0			4,914,326
Wasco.....	0	1	0	0	80,432	321,567	239,098
Wheeler Ridge.....	3	0	0	0	281,309	52,512	84,461
Wildcat Areas by Counties							
Kern County							
Antelope Hills Area, North.....	8	0	0	2	8,485	2,567	0
Antelope Plains Area—Gas Zone.....	0	0	0	0			4,721
Ant Hill Area, South.....	0	0	1	0	0	0	0
Bellevue Area.....	0	0	0	0	82,003	158,506	51,421
Calders Corner Area.....	1	0	0	1	52,175	14,234	87,051
Chico Martinez Area.....	0	0	0	0	1,397	711	0
Dyer Creek Area.....	0	0	0	0	2,117	66,680	0
Jasmine Area.....	0	0	0	1	44,501	211,135	0
Los Lobos Area.....	1	0	0	1	365	40	0
McClung Area.....	0	0	0	0	165	13,810	0
All Others.....	78	7	1	76			
Tulare County							
Terra Bella Area.....	0	0	0	0	564	21,500	0
All Others.....	4	0	0	5			
Totals.....	553	48	79	170	87,194,015	278,695,279	82,090,743
Net withdrawal from storage.....							<sup>1</sup> (4,404,499)

<sup>1</sup> Net withdrawal from storage. Parentheses indicate negative figure due to net storage. These figures carried in separate totals.

## **OPERATIONS IN DISTRICT NO. 5, 1950**

G. G. PEIRCE, Deputy Supervisor

There was a further decline of drilling activity in District No. 5 during 1950, as shown by the 175 notices of intention to drill new wells compared to the 228 received during 1949. Proposals to abandon increased to 115 from the 93 filed during the preceding year, dry holes outnumbering former producers by a ratio of more than two to one. Rio Vista Gas was the most active field, followed by Coalinga, Raisin City and Gujarral Hills, as measured by the number of notices of intention to drill. No significant discoveries were made and the developments in proved fields or areas were not of outstanding importance. Those developments worthy of comment due to the volume of activity or of more than passing interest are mentioned below.

### **COALINGA**

Of the 21 notices of intention to drill in Coalinga field, nine wells were completed to production and eight abandoned. The 36 proposals to abandon were made up of 23 former producing wells and 13 dry holes. Two projects that attracted more than average attention were The Superior Oil Company well No. "Crowell" 38-34, Sec. 34, T. 20 S., R. 15 E., M. D. B. & M. and Atlantic Oil Company well No. 331-25T, Sec. 25, T. 19 S., R. 14 E. The Superior Oil Company prospected to a total depth of 8436 feet at a location down structure from the main field, penetrating about to the top of the Cretaceous. The Atlantic Oil Company well, starting in Cretaceous formations beyond the up structure limits of the field, was drilled to a depth of 6935 feet in that horizon. Neither well encountered favorable indications and both were abandoned.

### **EAST COALINGA EXTENSION**

Only three proposals for new wells in East Coalinga Extension field were received, all situated at the extreme southwest end of the field. Two of these wells, offsets to the one well completed during 1949, were completed. The unit plan for the Gatchell area was put into effect, with Los Nietos Company as operator. Gas injection operations, initiated by Standard Oil Company of California, Operator, in the Amerada area and Los Nietos Company, Operator, in the Gatchell area, accounted for 5,979,287 Mcf. of gas being returned to the producing horizons.

### **GUIJARRAL HILLS**

After having been the most active field in the District during 1949, with 66 notices of intention to drill, Gujarral Hills field accounted for only 12 proposals for new wells in 1950. Eight of the new wells were completed, in addition to 12 others started the year before. The completions were about equally distributed between the Allison and Leda zones, and the productive limits of both zones were apparently determined. Barnsdall Oil Company (now Sunray Oil Corporation) drilled a deep test,

well No. "Dessel" 41-2-19, Sec. 2, T. 21 S., R. 16 E., in order to evaluate the productive possibilities of the Eocene formations. A total depth of 10,655 feet was reached and casing cemented to 10,538 feet. The well was perforated and tested in stages from 10,030 to 10,482 feet; only water with slight showings of oil was recovered, and the project was suspended.

#### JACALITOS

Seven notices for new wells in Jacalitos field were filed during the year, of which six were completed to production. The locations were scattered throughout the field and did not appreciably affect the proved acreage.

#### KETTLEMAN NORTH DOME

Four proposals to drill in Kettleman North Dome field were received, one of which was for Eocene well on the northeast flank of the structure. The remedial program of Standard Oil Company of California and Kettleman North Dome Association, providing for the redrilling of older wells and recompletion in selected portions of the Temblor zone, was responsible for a considerable volume of activity in the field. A total of 37,765,058 Mcf. of gas was returned to the producing horizons through injection operations.

#### RAISIN CITY

Development work in Raisin City field continued at a steady rate with 19 notices of intention to drill, 17 of which were completed to production in addition to two already drilling at the start of the year. With two exceptions the wells were completed from Miocene sands at depths of about 5000 feet and the initial productions averaged 100 barrels per day of from 19- to 27-degree gravity oil. The other two completions were from Eocene sands at about 6300 feet, the initial rates of production being 80 and 35 barrels per day respectively of 31-degree gravity oil. Approximately two-thirds of the wells were flowing completions while it was necessary to place the others on the pump. Of the four proposals to abandon, three were for dry holes drilled beyond the productive limits of the field. The proved acreage was increased by 150 acres.

#### DUNNIGAN HILLS GAS

The official designation of Dunnigan Hills Gas field was applied to this former area upon the commencement of commercial deliveries therefrom during January 1950. This field, situated in T. 11 N., R. 1 W., Yolo County, was discovered by The Texas Company with the completion of well No. "Dunnigan Unit One" 1, Sec. 22, on February 14, 1946. Of the four notices of intention to drill in this field during the current year, three were completed to production and one abandoned as a dry hole. There are now nine potential wells in Dunnigan Hills Gas field which is estimated to have a proved acreage of 820 acres.

#### RIO VISTA GAS

The 31 proposals to drill new wells in Rio Vista Gas field, more than twice the number received during 1949, made it the most active field in District No. 5. Twenty-six of the proposed wells were completed to production and three abandoned as dry holes. Exploratory work by Brazos



Oil and Gas Company considerably increased the proved acreage in the vicinity of the town of Isleton during the first part of the year. Then with the completion of well No. "River Islands Land Company" 1, Sec. 29, T. 4 N., R. 4 E., the same operator extended the productive limits two miles northeast beyond the Isleton area. Eleven completions were effected in this portion of the field, now referred to as the River Island area, and contributed materially to the increase of 3000 acres in the proved acreage of the field.

#### FRESNO COUNTY

Five new wells were drilled in the Burrell area, two of which were completed and three abandoned. The two producers, together with two other completions of wells started during 1949, give this area a total of 11 potential wells. These new completions extended the productive area northwest into Sec. 27 and Sec. 34, T. 16 S., R. 18 E. Initial rates of from 20 to 80 barrels per day of from 28- to 57-degree gravity oil were obtained between depths of 6400 feet and 6700 feet.

One well was drilled and completed for 100 barrels per day of oil in Sec. 30, T. 15 S., R. 17 E., of the San Joaquin area, and one well was being drilled in the Cheney Ranch area at the close of the year.

In addition to those mentioned above, there were 15 proposals to drill filed for wells in other parts of Fresno County. Ten were abandoned as dry holes and two other were being drilled at the end of the year.

A project which attracted considerable attention was General Petroleum Corporation well No. "B. L. C." 44-14, Sec. 14, T. 20 S., R. 18 E. Sufficient showings were encountered to cause the operator to cement casing to a depth of 13,300 feet. The well was perforated and tested from 13,146 to 13,258 feet with only negligible quantities of oil and gas being recovered. After drilling ahead to a total depth of 14,724 feet, operations were suspended.

#### KINGS COUNTY

The only new area productive of oil found during the year is referred to as the Hanford area. The discovery well, Goshen Syndicate No. "Drummond Union" 2, Sec. 36, T. 18 S., R. 22 E., was completed July 23, 1950, in a perforated interval from 5244 to 5252 feet in the Temblor formation, for an initial production of 125 barrels per day of 20-degree gravity oil. The extent of the accumulation appears to be quite limited, as two other tests in Sec. 36 were abandoned as dry holes by Goshen Syndicate, and another operator likewise failed to find favorable indications in adjoining Sec. 35. Although completed flowing, the well was soon placed on the pump at a settled productive rate of about 50 barrels per day.

What may be a new gas area was discovered in Sec. 11, T. 23 S., R. 21 E., by Shell Oil Company with the completion of well No. "Harvester Unit 1" 1. During a short production test of perforations from 2802 to 2805 feet, the well flowed gas at a reported rate of 4150 Mcf. per day. Although on the same structural trend as Standard Oil Company of California well No. "Cutter" 1, Sec. 29, T. 23 S., R. 22 E., to the northwest of the Trico Gas field, the relationship between these wells, four miles apart, is uncertain. However, for the time being at least, the



new completion will be classified in Trico area, Northwest, along with the older well. Two other tests, in Sec. 13, T. 23 S., R. 21 E. and Sec. 2, T. 24 S., R. 22 E. respectively, were abandoned as dry holes.

In addition to the seven wells drilled in the two areas mentioned above, eight other wells were started in Kings County, six of which were abandoned as dry holes and two on which drilling was in progress at the end of the year.

#### **SONOMA COUNTY**

Of the two proposals to drill in Sonoma County, one was completed to production. This well, J. B. Brooks No. "Petaluma Community 5" Four, Sec. 30, T. 5 N., R. 6 W., in the Petaluma area, was placed on production pumping four barrels per day of 20-degree gravity oil from an interval between 972 feet and 998 feet.

#### **TEHAMA COUNTY**

Twelve notices of intention to drill in Tehama County were received during the year, nine of which were filed by The Buttes Oilfields, Inc. for wells in the Corning area. Five of the wells in the Corning area were completed, two suspended, one abandoned, and one was being drilled at the end of the year. The five new completions, together with the five previous completions, give the Corning area 10 potential gas wells, all of which are shut-in due to the lack of pipeline facilities.

## SUMMARY OF OPERATIONS—OIL FIELDS

73

## DEVELOPMENT OPERATIONS IN DISTRICT NO. 5, 1950

Field	Notices filed, new wells	Drilling wells Dec. 31, 1950	Proposals to abandon		Total oil produced (bbl.)	Total water produced (bbl.)	Total net gas produced (Mcf.)
			Former produc- ing wells	Dry holes			
Afton Gas.....	0	0	0	0			584,279
Cache Slough Gas.....	1	1	0	0			892,720
Coalinga.....	21	1	23	13	6,511,879	8,338,794	760,962
Dunnigan Hills Gas.....	4	0	0	1			771,811
East Coalinga Extension.....	3	1	0	1	16,761,191	14,462,215	12,471,383
Eureka Gas.....	0	0	0	0			1,268,885
Fairfield Knolls Gas.....	0	0	0	0			294,357
Gill Ranch Gas.....	1	0	0	1			2,231,645
Guajarral Hills.....	12	1	0	1	5,414,429	474,770	4,889,272
Helm.....	0	0	4	0	1,162,959	1,993,732	4,628,353
Jacalitos.....	7	0	5	1	1,558,775	533,670	2,856,683
Kettleman Middle Dome.....	0	0	0	0	65,635	63,148	684,917
Kettleman North Dome.....	4	3	0	0	10,467,716	8,211,621	66,781,189
Kirby Hill Gas.....	0	0	0	0			3,163,605
Lodi Gas.....	0	0	0	0			796,369
Maine Prairie Gas.....	0	0	0	0			1,375,221
Marysville Buttes Gas.....	0	0	0	0			495,008
McDonald Island Gas.....	0	0	0	0			3,728,734
Millar Gas.....	0	0	0	0			928,745
Ord Bend Gas.....	0	0	0	0			473,569
Pleasant Valley.....	0	0	0	0	966,956	791,522	826,489
Pyramid Hills.....	0	0	0	0	71,585	55,219	10,539
Raisin City.....	19	1	1	3	1,620,977	2,813,709	876,772
Rio Vista Gas.....	31	1	0	3			149,302,602
Riverdale.....	0	0	0	4	778,562	862,405	1,281,750
Roberts Island Gas.....	0	0	0	0			324,219
Suisun Bay Gas.....	0	0	0	0			3,026,641
Thornton Gas.....	0	0	0	0			3,133,351
Tracy Gas.....	0	0	0	0			314,218
Vernalis Gas.....	0	0	0	0			346,491
Willows Gas.....	0	0	0	0			0
Winters Gas.....	1	0	1	1			1,451,064
Wildecat Areas by Counties							
Butte County							
Chico Area—Gas.....	0	0	0	0			87,268
Durham Area—Gas.....	0	0	0	0			595,936
Colusa County.....	3	0	0	2			
Fresno County							
Burrel Area.....	5	0	0	3	202,422	214,425	335,092
Cantua Creek Area.....	0	0	0	0			0
Cheney Ranch Area.....	1	1	0	0	1,298	138	31,407
Kreyenhagen Area.....	0	0	0	0	0	0	0
San Joaquin Area.....	1	0	0	0	91,465	143,741	30,561
All Others.....	15	1	0	13			
Humboldt County.....	2	0	0	4			
Kings County							
Hanford Area.....	4	0	0	3	3,223	534	0
Trico Area, Northwest—Gas.....	3	0	0	2			161,701
All Others.....	8	2	0	8			
Madera County							
Chowchilla Area—Gas.....	0	0	0	0			0
Moffatt Ranch Area—Gas.....	0	0	0	0			298,419
All Others.....	1	0	0	1			
Merced County.....	4	0	0	3			
Napa County.....	1	1	0	0			
San Joaquin County							
Galt Area—Gas.....	0	0	0	0			138,169
All Others.....	2	0	0	2			
Solano County							
Denverton Area—Gas.....	0	0	0	0			99,910
All Others.....	4	1	0	3			
Sonoma County							
Petaluma Area.....	1	0	0	0	928	78	0
Gas Zone.....	0	0	0	0			0
All Others.....	1	1	0	1			
Stanislaus County.....	1	0	0	1			
Tehama County							
Corning Area—Gas.....	8	0	0	1			0
All Others.....	4	2	0	2			
Yolo County							
Pleasant Creek Area—Gas.....	0	0	0	0			0
All Others.....	2	0	0	3			
Totals.....	175	18	34	81	45,680,000	38,959,721	272,750,306

### **WILDCAT WELLS ABANDONED IN 1950**

In the following table is a list of 455 wildcat wells abandoned in California in 1950. These are segregated under the three headings as follows:

- (1) *New field wildcat wells.* Wells drilled on a structure that has never produced with the intent of discovering a new field.
- (2) *Outpost wildcat wells.* Wells located on a producing structure but beyond the proved productive limits with the intent of extending the old producing zone.
- (3) *Deeper pool wildcat wells.* Wells drilled within the proved productive limits of a field with the intent of finding a new productive zone below present productive zones.

The average depth of the 455 wells was 3,703 feet, and the deepest was 14,596 feet. The majority, 334, were less than 5,000 feet deep, 108 between 5,000 and 10,000 feet, nine between 10,000 and 12,000 feet, two between 12,000 and 14,000 feet and only two were drilled deeper than 14,000 feet.

## NEW FIELD WILDCAT WELLS

Company	Well No.	Sec.	Twp.	Range	B. and M.	Date started	Depth (feet)
Aeco Corporation	"Tapo" 2	13	3N	18W	S.B.	June, 1950	466
Airways Petroleum Corporation	"Santa Susana" 1	16	4S	13W	S.B.	Jan., 1950	8,335
Amerada Petroleum Corporation	"Still" 1	3	26S	17E	M.D.	June, 1950	4,062
Amerada Petroleum Corporation	"Still B" 1	3	26S	17E	M.D.	July, 1950	4,199
Anderson, A. C.	"Black Butte" 1	26	6N	7W	S.B.	July, 1949	3,092
Apex Petroleum Corporation, Ltd.	"Los Lobos" 6	8	10N	22W	S.B.	May, 1950	630
Ardly Petroleum Company	"Almond" 1	31	2N	2W	M.D.	Mar., 1950	2,202
Ardly Petroleum Company	"Almond" 2	31	2N	2W	M.D.	Mar., 1950	3,162
Associated Oil Company <sup>1</sup> (Cox, Mace A., Dunlap, D. D., and Dunlap, Dorothy) <sup>2</sup>	"Cox and Dunlap" 1	15	16S	19E	M.D.	June, 1925	6,000
Atlantic Oil Company	"Del Fortuna" 1	21	26S	26E	M.D.	April, 1950	6,850
Ault, Lee & Associates	"Carla" 2	29	12N	18W	S.B.	June, 1949	2,465
Badger Oil Company	"Badger" 1	4	10N	18W	S.B.	Sept., 1950	1,688
Bankline Oil Company	"K.C.L." 88-28	28	30S	26E	M.D.	July, 1950	8,406
Bankline Oil Company	"F. G. Dunashee" 1	19	4N	23W	S.B.	Mar., 1950	4,786
Barnes & Shadrick Core Drilling Co.	"Springfield" 1	31	12S	2E	M.D.	Nov., 1949	2,030
Barnes & Shadrick Core Drilling Co.	"Anniversary" 6	9	11N	18W	S.B.	Feb., 1950	960
Barnes & Shadrick Core Drilling Co.	"Star" 7	2	11N	18W	S.B.	Nov., 1950	180
Barnsdall Oil Corporation <sup>1</sup> (Sunray Oil Corporation) <sup>2</sup>	"Lynch-Mouren" 88-9	9	23S	17E	M.D.	Feb., 1950	8,652
Bear Mountain Oil Co.	"Bear Mountain" 1	12	11N	18W	S.B.	May, 1950	1,217
Bear Mountain Oil Co.	"Bear Mountain" 2	12	11N	18W	S.B.	Oct., 1950	1,293
Bena Oil Company	1	27	30S	30E	M.D.	Nov., 1949	2,504
Bender, E. A.	"Wallace" 1	29	1N	3E	M.D.	April, 1950	4,659
Berghofer, Victor	"Berghofer" 1	12	5S	6W	S.B.	Feb., 1950	1,062
Bering, R. E.	"Tejon" 1	18	32S	30E	M.D.	April, 1950	1,878
Bolsa Chica Oil Corporation and Fred Manning	"Strawn" 1	10	4N	17W	S.B.	Dec., 1949	9,435
Bolsa Chica Oil Corporation & Pacific Supply Cooperative	"Hickey" 1	30	9N	24W	S.B.	June, 1949	6,817
Boswell, Fox M., and Associates	"Ruis" 1	27	5N	16W	S.B.	July, 1950	2,100
British-American Oil Producing Co.	"British-American and Bolsa Chica, Gairaud" 1	18	9S	2W	M.D.	Sept., 1950	1,113
Butler, Jesse M. <sup>1</sup> (C. M. Rood) <sup>2</sup>	"Anita" 1	14	4N	15W	S.B.	Nov., 1949	2,492
Cameron, A. A.	"Hill Bros." 22	27	10N	27W	S.B.	May, 1950	5,023
Cameron, George T.	"Griffin" 1	16	3N	2W	M.D.	April, 1950	3,208
Cameron, L. H.	"Marty" 1	34	5N	29W	S.B.	April, 1950	1,402
Cannella, Frank and Thomas Cannella	"Exploration" 2	20	24S	28E	M.D.	Feb., 1950	560
Carter, Evans and Associates	"Rancho Viejo" 2	3	9N	32W	S.B.	Nov., 1949	2,058
Carter, W. J.	"Carter-Prevedello" 1	36	5N	28W	S.B.	July, 1950	3,000
Chanolor-Canfield Midway Oil Co.	"Mahoney" 1	3	25S	12E	M.D.	Nov., 1949	4,772
Chanolor-Canfield Midway Oil Co.	"Tejon Ranch" 2	23	32S	29E	M.D.	June, 1950	1,282
Chanolor-Canfield Midway Oil Co.	"Tejon Ranch" 3	23	32S	29E	M.D.	July, 1950	2,056
Cholame Oil Company	"Keller" 1	17	25S	16E	M.D.	Oct., 1948	1,982
Clayton, Lee	"Clayton" 1	14	11N	18W	S.B.	July, 1950	939
Clayton, Lee	"Clayton Annex" 1	14	11N	18W	S.B.	July, 1950	1,325
Coast Exploration Company	"Dotia" 1	19	2N	16W	S.B.	Nov., 1950	2,938
Colgrove, C. W.	16-2	2	25S	15E	M.D.	April, 1949	4,710
Colgrove, C. W.	"Reyes" 64-12	12	7N	24W	S.B.	Jan., 1950	4,145
Colgrove, C. W.	"Wright" 54-18	18	7N	23W	S.B.	Nov., 1949	4,537
Continental Oil Company	"Wallace U. S. L." 1	33	4N	15W	S.B.	Aug., 1950	6,151
Continental Oil Company	"Munsey U. S. L." 1	4	32S	22E	M.D.	June, 1949	9,083
Continental Oil Company	"Bianchi" 1	17	6S	4W	M.D.	Jan., 1950	5,850
Continental Oil Company	"K.C.L." R-1	36	11N	21W	S.B.	June, 1950	5,747
Contratto Oil Company	"Jill" 1	29	4N	15W	S.B.	Feb., 1950	1,680
Cornett, Barney, and Associates	"Anniversary" A1	9	11N	18W	S.B.	June, 1950	2,349
Cornett, Barney, and Associates	"Barney Cornett & Associates" C-1	36	28S	27E	M.D.	Oct., 1950	2,401
Cornett, Barney, and Associates	"Barney Cornett & Associates" G-1	10	11N	18W	S.B.	Sept., 1950	548
Cornett, Barney, and Associates	"C & A Tejon" 1	13	11N	18W	S.B.	June, 1950	429
Crist, J. Glen & Juliet H. Crist	"Minne" 1	18	24S	28E	M.D.	May, 1950	1,201
D. K. Associates	"Buttes" 2	26	11N	18W	S.B.	Feb., 1950	755
D. K. Associates	"Window" 3	34	11N	18W	S.B.	Mar., 1950	1,187
De Courcy, Walter	"Bellport" 1	8	27S	25E	M.D.	Nov., 1950	2,088
Doheny-Battison-Lytel <sup>1</sup> (Sunray Oil Corporation) <sup>2</sup>	"Stetson-Sombrero" 1	21	3N	15W	S.B.	Mar., 1950	12,027
Dorn, Ella Chisholm	1	16	5S	2W	S.B.	Mar., 1950	216
Douglas Oil Co. of California	"Cuyama" 85-16	16	9N	26W	S.B.	Jan., 1950	6,956
Doumani, M. K.	"Tejon Ranch" MK-1	14	11N	18W	S.B.	Mar., 1950	887
Ellis, F. E.	"Lowe" 1	36	4N	16W	S.B.	July, 1950	3,445
Fairview Exploration Company	"Fairview" 1	22	11S	5E	M.D.	Sept., 1949	1,036
Fairview Exploration Company	"Fairview Paso Robles" 1	22	26S	12E	M.D.	May, 1950	4,370
Fisher, Arthur C., J. H. Maurer and Frank Barton	"F.M.B. Causza" 1	9	28S	29E	M.D.	April, 1950	1,748
Fisher, Dan, Operator	"Rancho Viejo" 1	33	10N	32W	S.B.	May, 1949	360

## NEW FIELD WILDCAT WELLS—Continued

Company	Well No.	Sec.	Twp.	Range	B. and M.	Date started	Depth (feet)
Fisher Lease, Inc.	"Fisher" 1	2	3N	15W	S.B.	Mar., 1950	3,244
Frontier Petroleum	"Barger" 1	28	4S	6W	S.B.	Jan., 1950	1,060
Frontier Petroleum	"Case" 1	34	4S	6W	S.B.	Feb., 1950	865
Frontier Petroleum	"Cook" 1	26	27S	12E	M.D.	May, 1950	2,510
Garner, Lyle A.	"Brooks" 1	1	3N	15W	S.B.	Dec., 1949	1,720
Garten Exploration Co. and M. O. Garten.	"Dr. Garten" 1	13	11N	18W	S.B.	Feb., 1950	341
General Petroleum Corporation	"Bermite" 1	25	4N	16W	S.B.	Feb., 1950	5,043
General Petroleum Corporation	"Circle J" 2	26	4N	16W	S.B.	Nov., 1949	6,112
General Petroleum Corporation	"McNally" 1	22	3S	11W	S.B.	June, 1950	11,606
General Petroleum Corporation	"Clarke" 84-25	25	26S	14E	M.D.	Jan., 1950	5,687
Gerard, W. R.	"Gerard-Callaway" 46-16	16	10N	28W	S.B.	June, 1949	5,545
Giffin, Russell	"S. P." 33-17	17	17S	15E	M.D.	July, 1950	9,935
Golden Bear Oil Co.	"Weichelt" 26-1	26	30S	29E	M.D.	April, 1950	2,940
Golden Bear Oil Co.	"Weichelt" 26-2	26	30S	29E	M.D.	July, 1950	2,678
Golden V Oil Company and F. E. Snowden.	"Rose" 1	11	29S	28E	M.D.	Jan., 1944	1,990
Groeshen Syndicate	"Drummond-Union" 1	36	18S	22E	M.D.	May, 1950	5,533
Groeshen Syndicate	"Drummond-Union" 3	36	32S	22E	M.D.	Aug., 1950	6,080
Gould, Leroy C.	"Claire" 1	36	32S	29E	M.D.	Nov., 1949	1,295
Gould, Leroy C.	"Tejon" 3-1	31	11N	18W	S.B.	June, 1950	1,410
Gould, Leroy C.	"Tejon" 31-1	31	32S	30E	M.D.	April, 1950	1,361
Gould, Leroy C.	"Tejon" 36-1	36	32S	29E	M.D.	June, 1950	1,285
Groshen Oil Co.	"Groshen" 1	22	30S	30E	M.D.	May, 1950	3,542
Halbert, J. B.	"Houston" 1	15	5N	8W	S.B.	Oct., 1950	601
Hamilton and Sherman	"Beer" B-4	17	26S	19E	M.D.	Dec., 1947	895
Hamilton and Sherman	"Beer" B-5	17	26S	19E	M.D.	Mar., 1948	837
Hancock Oil Company of California	"Hancock-Signal A. R. Hansen" 41-19	19	3S	3E	M.D.	Aug., 1950	3,129
Hancock Oil Company of California	"Crocket and Gambog" 23-33	33	22S	21E	M.D.	May, 1950	4,000
Hollister Oil and Exploration Co.	3	13	12S	5E	M.D.	May, 1950	1,843
Hollister Oil & Gas Co.	1	11	12S	5E	M.D.	Nov., 1948	2,540
Holmes, Charles	G-2	13	11N	18W	S.B.	Oct., 1950	115
Holmes, Charles	G-4	18	11N	17W	S.B.	Dec., 1949	460
Honolulu Oil Corporation (Oceanic Oil Company)	"Honolulu-Oceanic" 1	19	9N	25W	S.B.	June, 1950	7,647
Hooker Dome Syndicate, Ltd.	"Cassidy" 1	12	28N	4W	M.D.	Aug., 1950	4,476
Hooker Dome Syndicate, Ltd.	"Stoner" 1	2	28N	4W	M.D.	Sept., 1950	3,349
Hoover Drilling Co.	"Balscher" 1	32	28S	29E	M.D.	Sept., 1950	2,594
Horn, John Stephen	"T-A" 1	35	15S	1E	M.D.	Aug., 1949	1,837
Howe, C. D.	"Downs" 1	31	2S	8W	S.B.	Jan., 1950	1,730
Hudson Oil Co., Inc.	"Hudson-Fay" 1	24	22S	27E	M.D.	Mar., 1948	3,666
Humble Oil & Refining Company	"Buena Park Unit No. 1" 1	36	3S	11W	S.B.	Mar., 1950	9,564
Humble Oil & Refining Company	"Berylwood Investment Co. C" 1	14	2N	20W	S.B.	Jan., 1950	7,000
Humble Oil & Refining Company	"C. N. Thorup" 1	21	19S	6E	M.D.	April, 1950	7,651
Independent Exploration Company	"Bolton" 83	27	27S	19E	M.D.	Feb., 1949	4,313
Independent Exploration Company	"Gene Reid-Independent Exploration Company-Producers" 53-36	36	28S	18E	M.D.	July, 1949	2,950
Independent Exploration Company	"Grabe" 85 X	20	27S	19E	M.D.	July, 1950	1,749
Independent Exploration Company	"Stubblefield" 71	29	10N	24W	S.B.	Mar., 1950	2,456
Independent Exploration Company	"Bennett-Smith" 52	31	18S	23E	M.D.	Jan., 1950	6,015
Independent Exploration Company	"Hindley" 1	36	2S	1W	H.	July, 1950	2,280
Independent Exploration Company	"Roscoe" 1	34	2S	1W	H.	July, 1950	4,419
International Exploration Company	"Evelyn" 1	33	11N	26W	S.B.	Sept., 1950	2,453
International Exploration Company	"Esther" 1	28	11S	10E	M.D.	Aug., 1950	1,849
Irex Oil Company	1	7	11S	16E	S.B.	April, 1946	1,375
Jackson, R. B.	"Stubblefield" 1	20	10N	24W	S.B.	Dec., 1949	2,947
Jackson, R. B., and B. W. McCune	"R. B. Jackson" 5	10	11N	18W	S.B.	Aug., 1950	650
Jackson, R. B., and Cliff E. Zilgitt	"R. B. Jackson" 4	13	11N	18W	S.B.	July, 1950	526
Jackson, R. W., and Geo. H.	"Jackson-Leuzinger" 1	8	8S	14W	S.B.	April, 1927	Un-known
Jergins Oil Company	"Handorf" 1	1	2S	10W	S.B.	June, 1950	7,337
Keel, Anthony J.	"Keel" 1	24	3S	9W	S.B.	Nov., 1950	3,238
Keloid, Inc.	"Jack" 3	17	26S	16E	M.D.	Oct., 1950	1,203
Kennedy Company	"Vejar" 1	26	3S	9W	S.B.	June, 1950	4,790
Kosanke, J. F.	"Kosanke" 6	14	11N	18W	S.B.	June, 1950	920
Lake Oil Company	"M.R.M.-Phillips" 1	35	18S	22E	M.D.	Oct., 1950	6,132
Lesco Oil Corporation	"Sepulveda" 1	22	6S	14W	S.B.	Oct., 1947	704
Lockhart, L. M.	"McNear" 1-29	29	14S	15E	M.D.	Feb., 1950	6,756
Long, Harry C., & Associates	88	22	15S	19E	M.D.	Jan., 1950	5,200
Los Nietos Company	"Edwards" 1	1	2N	16W	S.B.	July, 1950	5,722
Los Nietos Company	"Richardson" 77X-7	7	29S	21E	M.D.	Jan., 1950	10,129
Los Nietos Company	"K.C.L." 53-22	22	30S	28E	M.D.	Sept., 1950	6,230
Los Nietos Company	"Covell" 28-1	1	6S	7E	M.D.	May, 1950	5,427

## SUMMARY OF OPERATIONS—OIL FIELDS

77

## NEW FIELD WILDCAT WELLS—Continued

Company	Well No.	Sec.	Twp.	Range	B. and M.	Date started	Depth (feet)
Lytle Exploration	"Newhall Land and Farming" 1	22	4N	16W	S.B.	Dec., 1949	9,735
Mackey, B. C.	"Collins" 1	31	32S	30E	M.D.	Jan., 1950	714
Mackey, B. C.	"Petromont" 1	14	29S	29E	M.D.	Jan., 1950	2,177
Macmillan Petroleum Corporation	"Bishop Community" 1	24	28S	28E	M.D.	Sept., 1950	2,384
Macmillan Petroleum Corporation	"KCL" 1	13	28S	28E	M.D.	Sept., 1950	2,287
Maeson Oil Company	"Lindsay" 1	26	5N	17W	S.B.	Aug., 1950	3,020
Maeson Oil Company	"Radovich" 1	26	5N	17W	S.B.	April, 1950	3,494
Maeson Oil Company	"Oasis Ranch" 2	7	30S	29E	M.D.	June, 1950	3,484
Maeson Oil Corporation	"Oasis Ranch" 1	7	30S	29E	M.D.	Feb., 1950	3,718
Magee, Harry H., Operator	"Richfield Fee" 1	33	28S	27E	M.D.	Jan., 1950	2,825
Mar-Roo Syndicate	"Lampman" 1	36	28S	12E	M.D.	Oct., 1949	3,011
Maurer, J. H., and Arthur C. Fisher	"Jean" 6	16	26S	28E	M.D.	Dec., 1949	1,407
Maurer, J. H., and Arthur C. Fisher	"Jean" 7	15	26S	28E	M.D.	April, 1950	751
Maurer, J. H., and Arthur C. Fisher	"Linda" 6	2	29S	29E	M.D.	July, 1950	890
Mayes, A. S.	2	12	12S	5E	M.D.	April, 1950	1,678
Mayes, A. S.	"Cook" 2	26	27S	12E	M.D.	Sept., 1950	2,009
McQuaid, John <sup>1</sup>	"Tapo" 1	13	3N	18W	S.B.	Jan., 1950	566
(Aeco Corporation) <sup>2</sup>							
McVicar, H. H.	"Rowland Estate" 1	20	2S	10W	S.B.	June, 1950	3,523
Mohawk Petroleum Corporation	"Humble-Lundstrom" 48-2	2	9N	26W	S.B.	May, 1950	11,175
Morris, Mark	"Hay" 1	22	30S	29E	M.D.	Aug., 1950	2,599
Morrow, Tevis F.	"Portals-Grayson" 1	3	30S	29E	M.D.	Aug., 1950	1,720
Murray, William J.	"North Dome" 1	3	11N	26W	S.B.	Nov., 1947	2,350
Myers, Archie C.	"Nadaw" 2	28	4N	15W	S.B.	Mar., 1950	3,427
Myers, H. H.	"Fouqua" 1	1	3S	8W	S.B.	Mar., 1950	4,202
Natural Gas Corporation of California	1 "Yolo Unit"	33	10N	1E	M.D.	Mar., 1950	4,100
Noco-Holding Co., The	"Ranger" 1	31	2S	7W	S.B.	Dec., 1923	1,900
North American Oil Consolidated	"U.S.L." 1-11	11	19S	10E	M.D.	June, 1950	5,969
North West Cuyama Oil Company	"U. S." 1	27	32S	19E	M.D.	June, 1950	2,612
Oasis Oil Company	"Lightner" 1	22	25S	18E	M.D.	April, 1949	1,307
Oceanic Oil Company	"Wickham" 1	34	27S	28E	M.D.	May, 1950	1,811
Oceanic Oil Company	"Wickham" 2	34	27S	28E	M.D.	Oct., 1950	1,834
Ohio Oil Company, The	"Mabel S. Henderson" 1	10	4N	17W	S.B.	June, 1950	5,875
Ohio Oil Company, The	"Alisal Ranch" 1	5	5N	31W	S.B.	Mar., 1950	2,819
Ohio Oil Company, The	"Santa Ynez Unit" 2	6	5N	29W	S.B.	Aug., 1950	2,629
Ohio Oil Company, The	"E. C. Cozart" 1	31	25S	25E	M.D.	Dec., 1950	3,270
Ohio Oil Company, The	"Evans & Cook" 1	23	5S	11E	M.D.	Nov., 1950	6,552
Ohio Oil Company, The	"Ohio-Gulf, H.C. Lillis" 1	28	21S	16E	M.D.	April, 1950	11,046
Orlando Oil Corporation	"Orlando" 1	32	5N	10W	S.B.	Sept., 1950	1,352
Pacific Oil and Gas Development Corporation	"McDonald" 45-8	8	29S	19E	M.D.	Mar., 1950	6,844
Pacific Oil and Gas Development Corporation	"Rexroth" 85-16	16	29S	19E	M.D.	July, 1950	1,990
Pacific Oil and Gas Development Corporation	"Glide" 62A	13	27S	27E	M.D.	Aug., 1950	2,935
Pacific Oil and Gas Development Corporation	"Glide" 81A	13	27S	27E	M.D.	Sept., 1950	2,707
Pacific Oil and Gas Development Corporation	"Hand" 35-28	28	24S	18E	M.D.	Dec., 1949	2,600
Pacific Oil and Gas Development Corporation	"Sharpe" 76-28	28	24S	18E	M.D.	Jan., 1950	2,540
Pacific Western Oil Corporation	"S. P." 35-32	32	30S	22E	M.D.	Sept., 1950	7,130
Pacific Western Oil Corporation	"Burrel" 38	22	16S	18E	M.D.	April, 1950	7,230
Palm, Peter	1 4S 6W	28	4S	6W	S.B.	June, 1950	740
Pedro Petroleum Corporation	"Pedro" A-1	14	11N	18W	S.B.	Feb., 1950	1,480
Provost, R. A., Associates	"Protrana" A-1	25	4N	16W	S.B.	June, 1950	1,120
Provost, R. A., Associates	"Protrana" 2	25	4N	16W	S.B.	July, 1950	3,553
Reed, Kenneth E.	"Kinchelee" 1	17	4S	6W	S.B.	Jan., 1950	609
Regent Oil Company	"Runkle" 1	14	2N	18W	S.B.	Dec., 1948	3,247
Regent Oil Company	"Ojeda" 1	22	16S	8E	M.D.	Feb., 1949	4,335
Reid, Gene, Drilling, Inc.	"Dutton" 1	28	8N	21W	S.B.	July, 1949	2,198
Richfield Oil Corporation	"Peralta Hills" 1	3	4S	9W	S.B.	Jan., 1950	4,605
Richfield Oil Corporation	"Apache Unit" 1	22	8N	24W	S.B.	Aug., 1949	10,563
Richfield Oil Corporation	"Apache Unit" 2	30	8N	23W	S.B.	Aug., 1950	3,404
Richfield Oil Corporation	"Round Springs Unit" 1	32	8N	23W	S.B.	Dec., 1949	4,010
Richfield Oil Corporation	"F. R. Anderson" 35-36	35	11N	28W	S.B.	June, 1950	1,153
Richfield Oil Corporation	"Caliente Unit" 1	18	10N	24W	S.B.	May, 1950	4,722
Richfield Oil Corporation	"Florence A" 2	21	11N	27W	S.B.	Nov., 1949	4,476
Richfield Oil Corporation	"Homan C" 1	29	10N	27W	S.B.	April, 1950	5,340
Richfield Oil Corporation	"Olason" 1	8	13S	5E	M.D.	April, 1950	8,491
Richfield Oil Corporation	"Russell A" 25-10	10	10N	27W	S.B.	April, 1950	5,340
Richfield Oil Corporation	"Russell A" 65-9	9	10N	27W	S.B.	Aug., 1950	4,150
Richfield Oil Corporation	"Wegis Reyes A" 1	9	9N	25W	S.B.	April, 1950	6,049



## NEW FIELD WILDCAT WELLS—Continued

Company	Well No.	Sec.	Twp.	Range	B. and M.	Date started	Depth (feet)
Richfield Oil Corporation	"Osborn" 1	34	12N	23W	S.B.	Feb., 1950	9,147
Riddell, Carl, and George Terry (1) (D. J. R. Oil Company) (2)	"Wright-Kovaleski" 1	17	5N	14W	S.B.	June, 1950	2,418
Ring, Geo. W., and Frank L. Ring	"Mon" 1	4	28S	28E	M.D.	Mar., 1950	2,743
Ring Oil Company	"Glide-29" 2	29	27S	28E	M.D.	Sept., 1950	2,286
Rothschild Oil Company	"Chapman" 1	26	3S	10W	S.B.	Jan., 1950	2,725
Rothschild Oil Company	"U. S." 1	11	9N	27W	S.B.	June, 1950	4,396
Rowan Oil Co.	"Crocket-Gambogey Inc." 1	9	22S	20E	M.D.	Sept., 1950	4,500
Russell, Willis and Vaughan, Ltd.	"Corcoran" 24-1	24	20S	22E	M.D.	Aug., 1949	8,214
S. D. M. Oil Co.	"Lathrop" 1	13	4N	15W	S.B.	Oct., 1948	1,088
S. D. M. Oil Co.	"Orrel" 1	1	4N	15W	S.B.	Nov., 1948	2,487
S. & K. Oil Company	"Kosanke" 1	24	11N	24W	S.B.	Feb., 1949	1,215
San Benito Oil Co.	"Ley" 1	31	17S	10E	M.D.	July, 1950	3,371
San Joaquin Drilling Co., Inc.	"Di Giorgio" 1	31	30S	30E	M.D.	Aug., 1950	601
Seaboard Oil Company of Delaware	"Robert Blohm" 2	34	12S	2E	M.D.	Jan., 1950	2,188
Seaboard Oil Company of Delaware	"Kirschenmann" 1	7	10N	26W	S.B.	Jan., 1950	7,788
Seaboard Oil Company of Delaware	"Seaboard Barham" 4	12	7N	32W	S.B.	Jan., 1949	6,893
Seaboard Oil Company of Delaware	"Wallace" 1	12	11N	30W	S.B.	June, 1950	3,695
Seaboard Oil Company of Delaware	"Wilson" 1	17	14S	16E	M.D.	Mar., 1950	6,400
Seaboard Oil Company of Delaware	"Mitchell" 1	27	28S	28E	M.D.	April, 1950	3,463
Sesnon, Porter, Barbara Sesnon Cartan, William T. Sesnon, Jr., Tenants in Common	"Sesnon" 1	24	2N	2E	M.D.	Dec., 1949	6,951
Shell Oil Company	"Anaheim Sugar" 55-23	23	6S	11W	S.B.	May, 1950	8,891
Shell Oil Company	"Core Hole" 24X-25	25	27S	19E	M.D.	July, 1950	1,500
Shell Oil Company	"Core Hole" 55-26	26	27S	19E	M.D.	July, 1950	2,500
Shell Oil Company	"Core Hole" 71X-35	35	27S	19E	M.D.	June, 1950	2,500
Shell Oil Company	"Core Hole" 51X-36	36	27S	19E	M.D.	July, 1950	1,744
Shell Oil Company	"Core Hole" 32-31	31	27S	20E	M.D.	June, 1950	1,711
Shell Oil Company	"Hopkins B" 52X-23	23	27S	19E	M.D.	Aug., 1950	3,000
Shell Oil Company	"Coffin" 1	24	15S	14E	M.D.	July, 1950	7,407
Shell Oil Company	"Mandeville Island" 1	16	2N	4E	M.D.	Aug., 1950	6,983
Shell Oil Company	"Stone" 1	16	8N	1W	M.D.	June, 1950	5,200
Short, F. R. (1) (Estate of Frank Rice Short) (2)	"Melinda" 2	22	32S	22E	M.D.	May, 1949	1,797
Signal Oil and Gas Company	"Signal-Dresser" 1	9	27S	13E	M.D.	July, 1950	2,545
Signal Oil and Gas Company	"Signal-Mers" 1	12	30S	28E	M.D.	May, 1950	3,966
Silver Leaf Oil Company	"Realty Title Company" 1	5	5N	12W	S.B.	Feb., 1950	644
Slosson, O. M.	"R. H." 1	32	11N	18W	S.B.	Feb., 1950	1,242
Slosson, O. M.	"Tejon" 10	16	11N	18W	S.B.	Sept., 1950	2,005
Smith, J. A.	"J. A. Smith-S.P." 1	31	29S	30E	M.D.	Mar., 1948	577
Snell Drilling Co.	"Henie" 1	29	11S	4W	S.B.	Jan., 1947	2,726
So Hi Oil Co.	"So Hi" 1	8	30S	30E	M.D.	April, 1950	1,762
Solar Oil Co., Inc.	"Singer" 1	13	8N	15W	S.B.	Oct., 1950	2,093
Standard Oil Company of California	"Woo" 1	19	2N	15W	S.B.	Oct., 1949	9,739
Standard Oil Company of California	"Hollister Estate" 2	35	5N	33W	S.B.	Sept., 1950	4,465
Standard Oil Company of California	"Sproule" 1	14	1S	3E	M.D.	Dec., 1949	6,070
Standard Oil Company of California	"Walt" 1	34	21S	12E	M.D.	May, 1949	2,579
Standard Oil Company of California	"Van Sicklen" 45	36	27S	21E	M.D.	Feb., 1948	14,577
Standard Oil Company of California	"Tejon" 56	31	12N	18W	S.B.	April, 1950	4,737
Standard Oil Company of California	"Tejon Ranch 2" 4-32	32	12N	18W	S.B.	July, 1950	3,492
Standard Oil Company of California	"Tejon Ranch 3" 62-32	32	11N	18W	S.B.	Dec., 1950	1,546
Standard Oil Company of California	"Tejon Ranch 4" 65-8	8	11N	18W	S.B.	May, 1950	2,599
Standard Oil Company of California	"Tejon Ranch 5" 34-16	16	11N	18W	S.B.	Aug., 1950	2,997
Standard Oil Company of California	"Arbuckle Comm. 2" 1	3	13N	2W	M.D.	April, 1950	3,100
Standard Oil Company of California	"Arbuckle Comm. 2" 2	12	13N	2W	M.D.	May, 1950	3,197
Standard Oil Company of California	"Mackroth" 1	28	23S	20E	M.D.	Nov., 1950	4,590
Stansbury, Inc.	"White" 1	33	28S	29E	M.D.	Oct., 1950	2,654
Star Oil Company	1	2	11N	18W	S.B.	Feb., 1950	271
Star Oil Company	3	2	11N	18W	S.B.	Feb., 1950	510
Star Oil Company	4	2	11N	18W	S.B.	Feb., 1950	235
Star Oil Company	5	2	11N	18W	S.B.	April, 1950	542
Star Oil Company	6	2	11N	18W	S.B.	Aug., 1950	503
Steele Petroleum Company	"KCL" 41-23	23	10N	22W	S.B.	Nov., 1950	850
Steele Petroleum Company	"Steele Petroleum Vialia" 1	18	17S	25E	M.D.	May, 1950	1,032
Superior Oil Company, The	"L. A. H." 1	36	4N	16W	S.B.	Dec., 1949	5,399
Superior Oil Company, The	"Smith" 65-20	20	7N	23W	S.B.	Sept., 1950	5,286
Superior Oil Company, The	"O.L.C." 6	28	26S	19E	M.D.	Mar., 1950	5,786
Superior Oil Company, The	"Crowell" 38-34	34	20S	15E	M.D.	April, 1950	8,436
T. & E. Drilling Company	"T. & E." 4	2	11N	18W	S.B.	Jan., 1950	709
T. & M. Exploration Company	"Shearer" 1	26	29S	22E	M.D.	Jan., 1950	7,722
Tejon Syndicate	"T. S." 83-11	11	10N	19W	S.B.	Feb., 1950	2,390
Terminal Drilling Company (1) (H. T. Wyatt) (2)	36-1	36	27S	27E	M.D.	Mar., 1949	2,836
Terminal Drilling Company (1) (H. T. Wyatt) (2)	36-2	36	27S	27E	M.D.	Aug., 1949	2,841



## NEW FIELD WILDCAT WELLS—Continued

Company	Well No.	Sec.	Twp.	Range	B. and M.	Date started	Depth (feet)
Terminal Drilling Company	"Schmidt-Cleaver" 1	29	24S	27E	M.D.	Oct., 1950	3,222
Terry, Geo., Drilling Co., Inc.	"Linda" 4	11	29S	29E	M.D.	Feb., 1949	3,785
Texas Company, The	"Puente Nine" 1	5	2S	10W	S.B.	Oct., 1950	6,266
Texas Company, The	"Beedy NCT Two" 2	19	19S	7E	M.D.	May, 1950	3,648
Texas Company, The	"Beedy (NCT-3)" 1	29	19S	7E	M.D.	Aug., 1950	2,620
Texas Company, The	"Blakey" 1	16	32S	20E	M.D.	Dec., 1949	8,324
Texas Company, The	"Blomquist" 1	4	8S	4W	M.D.	July, 1950	4,957
Texas Company, The	"Doud (NCT-1)" 1	24	19S	6E	M.D.	Jan., 1950	4,120
Texas Company, The	"Garrissere" 1	32	22S	10E	M.D.	July, 1950	4,532
Texas Company, The	"Grayson Owen" 2	13	31S	18E	M.D.	Dec., 1949	3,341
Texas Company, The	"Grayson-Owen" 3	13	31S	18E	M.D.	June, 1950	3,520
Texas Company, The	"Pierce" 1	15	11S	1E	M.D.	Sept., 1950	2,670
Texas Company, The	"Russell (NCT-1)" 1	21	11N	28W	S.B.	Mar., 1950	639
Texas Company, The	"Capital Company Two" 1	19	25S	19E	M.D.	June, 1950	7,234
Texas Company, The	"Stobblefield Fickle" 1	20	10N	24W	S.B.	April, 1950	3,993
Texas Company, The	"Ryer-Prospect Community" 1	26	5N	3E	M.D.	Oct., 1950	4,760
Tide Water Associated Oil Company	35-14	14	27S	19E	M.D.	Oct., 1950	2,692
Trico Oil and Gas Company	"Trico-Independent Theta" 18	29	28S	20E	M.D.	July, 1950	2,370
Trower, Chadwick G.,—Patricia P. Trower	1	32	1N	17W	S.B.	Nov., 1949	1,880
Tutin, F. W., and Herbert H. Twisselmann	"White" 1	5	26S	15E	M.D.	Oct., 1944	5,509
Union Oil Company of California	"Simi" 12	23	3N	17W	S.B.	April, 1950	1,135
Union Oil Company of California	"Simi" 13	23	3N	17W	S.B.	Aug., 1950	3,485
Union Oil Company of California	"Williams" 24-5	5	28S	28E	M.D.	Dec., 1949	5,204
Universal Consolidated Oil Co.	"S. M.—Humble" 1	24	32S	19E	M.D.	Jan., 1950	8,300
Universal Consolidated Oil Co.	"Pickrell" 21-16	16	9N	26W	S.B.	Sept., 1950	9,315
von Glahn, Elmer C.	"Kerckhoff" 62-22	22	14S	16E	M.D.	Feb., 1950	6,261
von Glahn Oil Co., Inc.	"Mendoza" 1	24	10S	17E	M.D.	Feb., 1950	2,452
Wa-Me-Co Drilling Company	"Sartori" 1	24	5N	7W	M.D.	Dec., 1949	1,896
Watkins, R. B.	"Dolley" 1	6	3N	18W	S.B.	Aug., 1950	2,670
Watkins, R. B.	"Rohmer" 1	14	11N	28W	S.B.	Oct., 1949	5,067
Welch, Lewis W.	"Lasy R. G." 2	19	6N	28W	S.B.	Dec., 1949	6,636
Welch, Lewis W.	"Lasy R. G." 3	29	6N	29W	S.B.	Mar., 1950	6,106
Welch, Lewis W.	"Welch Jaucway" 1	2	6N	29W	S.B.	July, 1949	5,933
Western Gulf Oil Company	16-23 "KCL"	23	30S	26E	M.D.	Aug., 1950	8,710
Western Gulf Oil Company	77-22 "KCL"	22	30S	26E	M.D.	Oct., 1950	8,487
Western Gulf Oil Company	82-35 "Lillis"	35	17S	14E	M.D.	Jan., 1950	3,590
Western Gulf Oil Company	1 "Potter"	17	9S	13E	M.D.	May, 1950	8,374
Western Petroleum Company	"W.P. How" 71-30	30	29S	21E	M.D.	July, 1949	4,260
Wheeler, Merle W.	"Wheeler" 1	6	9S	2W	M.D.	Sept., 1949	270
Whittaker, Wm. R., Co., Ltd.	"Marita" 1	31	28S	19E	M.D.	Nov., 1950	2,053
Willard, E. T.	"Jacks" 1	20	25S	16E	M.D.	Sept., 1948	820
Willard, E. T.	"Rector Avenales" 2	8	29S	19E	M.D.	May, 1950	1,905
Willard, E. T.	"Sarah Wilson" 4	15	6S	5W	M.D.	Oct., 1948	1,610
Wilrich Associates (Ohro Oil Company) <sup>2</sup>	"Ono" 1	18	1N	4W	S.B.	Mar., 1950	1,712
Yant, M. R.	"Yant" 1	28	32S	22E	M.D.	Sept., 1949	1,852
Young Brothers	"Tejon" 1	36	32S	29E	M.D.	Feb., 1950	1,399
Zillgitt, Cliff E.	K 1	14	11N	18W	S.B.	June, 1950	1,266

<sup>1</sup> Commenced well.<sup>2</sup> Abandoned well.

## OUTPOST WILDCAT WELLS

Company	Well No.	Sec.	Twp.	Range	B. and M.	Date started	Depth (feet)
Artnell Company	1	36	21S	15E	M.D.	Dec., 1949	4,677
Atlantic Oil Company	331-25T	25	19S	14E	M.D.	July, 1950	6,936
Barth, David A.	4	32	2N	20W	S.B.	Jan., 1947	965
Bennett, Samuel, Operator	"Bennett Foster" 1	28	3N	23W	S.B.	Jan., 1950	12,662
Bolsa Chica Exploration Company	"Dr. Larsen" 1	14	6S	11W	S.B.	Aug., 1950	2,131
Bolsa Chica Oil Corporation	"Kinler" 43-18	18	5N	16W	S.B.	April, 1950	2,529
Brazos Oil and Gas Company	1 "Elliott H. Wheeler"	23	4N	3E	M.D.	Mar., 1950	4,762
Brazos Oil and Gas Company	"Gardiner" 10	1	3N	3E	M.D.	Aug., 1950	4,800
Brazos Oil and Gas Company	"Langhart-Spreckels" 3	30	4N	4E	M.D.	Aug., 1950	4,680
Brazos Oil and Gas Company	"Staten Island Land Co." 1	4	3N	4E	M.D.	July, 1950	4,653
Buttes Oilfields, Inc., The	"Corning Community" 2-A	13	24N	3E	M.D.	May, 1950	1,926
Caloren Oil Co.	"Watson" 1	27	32S	23E	M.D.	Dec., 1935	3,080
(Western Petroleum Co.) <sup>2</sup>							
Colgrove, C. W.	"Condit" 1	5	32S	13E	M.D.	Mar., 1950	4,155
Colgrove, C. W.	"Elberta" 1-4	4	32S	13E	M.D.	April, 1950	3,275
Colgrove, C. W.	"Jack" 1-32	32	31S	13E	M.D.	May, 1950	2,482
Conway, H. A.	"H. A. Conway Quinn" 1	15	25S	27E	M.D.	Aug., 1949	2,841
D. K. Associates—2	"Corral" 72-29	29	11N	18W	S.B.	July, 1950	1,940
D. K. Associates No. 3	51-28	28	11N	18W	S.B.	Oct., 1950	1,800
David, V. W., Oil Company	1	17	28S	29E	M.D.	July, 1950	1,960
Douglas Oil Co. of California	"Oak Canyon" 1	4	4N	17W	S.B.	Nov., 1949	4,100
Edison Securities Company	"Community" A 53-22	22	13S	16E	M.D.	Oct., 1950	4,648
Exeter Oil Co., Ltd.	"Murphy Fee" 11	28	32S	24E	M.D.	June, 1950	2,664
Fairfield, F. E.	"Reid-Urich" 1	34	4N	16W	S.B.	Jan., 1949	3,646
Ferguson and Bosworth	"Layman" 1	18	28S	20E	M.D.	Mar., 1950	1,630
Fickle, C. A., and Doyle Wattenbarger	2	15	11N	18W	S.B.	Mar., 1950	493
Frampton, Ray	"Frampton" 5	27	28S	28E	M.D.	July, 1944	1,321
Fresno Oil Investment, Inc.	"Phelps Government Well" 2	20	19S	15E	M.D.	Aug., 1947	4,582
General Petroleum Corporation	"Whitney" 47-10	10	11N	28W	S.B.	Aug., 1950	2,217
General Petroleum Corporation	"Kopps" 54-26	26	29S	25E	M.D.	May, 1950	9,484
General Petroleum Corporation	"Williamson" 3-11	11	26S	20E	M.D.	Dec., 1950	1,634
General Petroleum Corporation	"Williamson" 33-11	11	26S	20E	M.D.	June, 1949	11,553
Getty, J. Paul	"Porter" 17" 10	17	30S	29E	M.D.	Sept., 1950	4,000
Golden Bear Oil Co.	"Community" 3	35	30S	29E	M.D.	July, 1950	2,989
Graham, G.	"Core Hole" 2	23	25S	18E	M.D.	Oct., 1950	657
Griggs, F. C., and Associates	"Griggs-Russell" 1	25A	11N	28W	S.B.	Aug., 1950	4,243
Guiberson Oil Corporation	"Bailey" 1	1	3N	16W	S.B.	July, 1949	2,559
Hancock Oil Company of California	"Quality" 35-31	31A	11N	27W	S.B.	Nov., 1949	3,805
Havenstreite Oil Company	"Cover" 1	21	20S	15E	M.D.	Aug., 1949	7,014
Holmes, Kenneth A.	"Holmes" 1	30	11N	27W	S.B.	July, 1949	5,433
Humble Oil & Refining Company	"Berylwood Investment Co." B-1	18	4N	22W	S.B.	July, 1949	4,622
Humble Oil & Refining Company	"Theo E. Hammond" 4	13	4N	23W	S.B.	July, 1950	4,505
Ivers, H. A.	14	1	4N	20W	S.B.	Dec., 1947	1,921
J N J Corporation	"Webb" 1	12	21S	14E	M.D.	Aug., 1950	500
Larson, Ivar	"Larson" 10	31	4N	15W	S.B.	Oct., 1949	1,510
Lockhart, L. M.	"Burrel" 1-28	28	16S	18E	M.D.	June, 1950	6,790
Lockhart, L. M.	"N.C.C." 1-A-10	10	15S	17E	M.D.	Dec., 1949	5,251
Lockhart, L. M.	"N.C.C." 4-15	15	15S	17E	M.D.	June, 1950	6,400
Lockhart, L. M.	"Postal Union" 10-35	35	16S	18E	M.D.	Jan., 1950	6,688
Lockhart, L. M.	"Postal Union" 11-35	35	16S	18E	M.D.	Feb., 1950	6,700
Lockhart, L. M.	"Schultz" 1-27	27	16S	18E	M.D.	April, 1950	6,843
Los Nietos Company	"Fraser" 88-14 A	14	3N	23W	S.B.	Feb., 1950	14,596
McFann Drilling Company	"Lottie B. McFann" 2	1	3N	16W	S.B.	Aug., 1949	148
Miller, Robert H., Operator	"Bosworth-Mott" 1	9	31S	29E	M.D.	June, 1950	6,043
Natural Gas Corporation of California	"N. C. Anderson Heirs" 1	28	4N	2E	M.D.	Oct., 1950	6,250
Newton, Max A.	87-12	12	21S	14E	M.D.	Dec., 1949	1,557
North Coalinga Oil Company	1	25	19S	14E	M.D.	June, 1950	805
North Coalinga Oil Company	2	25	19S	14E	M.D.	July, 1950	834
Northridge Oil Co.	"Simco" 1	31	3N	17W	S.B.	Dec., 1949	3,048
Northridge Oil Company	"Simco" 2	31	3N	17W	S.B.	Jan., 1950	1,219
Oceanic Oil Company	"Vedder-Parkford" 8	12	29S	28E	M.D.	Aug., 1950	881
Oceanic Oil Company	"Oceanic-Whittaker" 65-17	17	19S	15E	M.D.	Sept., 1950	2,500
Oil Well Abandonment Company	"R. E. Jacks Co." 1	32	31S	13E	M.D.	June, 1948	884
Pacific Western Oil Corporation	"M.M.-T.W.A." 21-31	31	30S	22E	M.D.	Aug., 1950	5,979
Pacific Western Oil Corporation	"M.M.-T.W.A." 2-32	32	30S	22E	M.D.	Aug., 1950	6,127
Pacific Western Oil Corporation	"Rankin" 66-A-30	30	30S	22E	M.D.	May, 1950	5,312
Pacific Western Oil Corporation	"Stone-T.W.A." 41-31	31	30S	22E	M.D.	Aug., 1950	5,850
Palomar Oil & Refining Corporation	"Palomar-Voigt" 1	6	28S	20E	M.D.	June, 1950	2,271
Parion Transportation Co. & Associates	"Brown" 1	18	3N	15W	S.B.	Dec., 1949	756
Peak Oil Tool Service, Inc.	"Stone" 72-16	16	11N	28W	S.B.	June, 1950	3,486
Petroleum Reserve Corporation	"Silva" 1	5	1N	21W	S.B.	June, 1948	2,714

## OUTPOST WILDCAT WELLS—Continued

Company	Well No.	Sec.	Twp.	Range	B. and M.	Date started	Depth (feet)
Pike & Associates	"Coleman Community" 45	35	30S	29E	M.D.	June, 1950	3,653
R. F. D. Company	1	33	16S	12E	M.D.	Mar., 1950	1,283
Revo Oil Company	"Revo" 1	3	4N	29W	S.B.	June, 1950	1,490
Reynolds-Knudsen	"Miller" 1	14	28S	20E	M.D.	July, 1950	1,250
Richfield Oil Corporation	"F. R. Anderson" 43-25	25A	11N	28W	S.B.	Nov., 1949	3,698
Richfield Oil Corporation	"Cox" 13-5	5	9N	26W	S.B.	Oct., 1950	4,792
Richfield Oil Corporation	"O'Day A" 76-10	10	11N	28W	S.B.	June, 1950	2,242
Richfield Oil Corporation	"O'Meara" 71-25	25	11N	28W	S.B.	Dec., 1949	4,515
Richfield Oil Corporation	"Ritter A" 133-25	25	11N	28W	S.B.	Dec., 1949	3,989
Richfield Oil Corporation	"Russell A" 53-8	8	10N	27W	S.B.	Feb., 1950	3,470
Richfield Oil Corporation	"Shlaudemann D" 71-15	15	11N	28W	S.B.	Aug., 1950	2,344
Rio Hondo Oil Co.	"Bertha Cohn" 3	15	29S	24E	M.D.	Oct., 1950	4,584
Rothschild-McBurney Oil Production <sup>1</sup> (Terminal-McBurney, Terminal Drilling Company) <sup>2</sup>	"Thompson" 1	36	4N	16E	S.B.	Mar., 1949	3,991
Rothschild Oil Company	"Phillips" 1	6	3N	16W	S.B.	Dec., 1949	980
Rothschild Oil Company	"Phillips" 2	7	3N	15W	S.B.	Mar., 1950	3,000
Rothschild Oil Company	"Pleasant Community" 1	31	4N	15W	S.B.	Sept., 1949	2,455
Rothschild Oil Company	"Giumarra" 2	22	30S	29E	M.D.	Feb., 1950	2,940
Rowell, Corwin & Smith <sup>1</sup> (W. R. Paul and Associates) <sup>2</sup>	"Rowell Government" 1	18	16S	11E	M.D.	Sept., 1949	1,065
Serago Oil Company	"Yeager Community" 1	30	4N	15W	S.B.	Sept., 1949	3,338
Severus Drilling Company	"Armstrong" 1	14	3S	10W	S.B.	Jan., 1950	3,812
Shaffer Tool Works	"Shaffer" 6	36	4N	16W	S.B.	Nov., 1949	545
Shell Oil Company	"Dominguez Estate" 2-1	2	4S	13W	S.B.	July, 1950	9,001
Shell Oil Company	"Ben Schieferle" 1	16	3N	20W	S.B.	June, 1950	7,985
Shell Oil Company	"Hobson-Smith" 2-1	15	3N	24W	S.B.	Sept., 1950	6,275
Shell Oil Company	"Mortgage Service Company" 1	13	23S	21E	M.D.	April, 1950	3,758
Sloeson, O. M. <sup>1</sup> (Bolsa Chica Oil Corporation) <sup>2</sup>	"Hidden" 3	5	4N	18W	S.B.	Nov., 1950	3,894
Standard Oil Company of California	"Los Angeles Investment" 4-3	20	2S	14W	S.B.	May, 1949	10,258
Standard Oil Company of California	"McGrath" 26-10	30	2N	22W	S.B.	Nov., 1949	9,231
Standard Oil Company of California	"KCL Lease 12" 22	7	29S	26E	M.D.	April, 1949	10,655
Standard Oil Company of California	"Tejon Ranch 3" 66-29	29	11N	18W	S.B.	Oct., 1950	2,048
Standard Oil Company of California	55	9	11N	23W	S.B.	July, 1948	6,335
Standard Oil Company of California	"Anderson" 76	19	29S	21E	M.D.	Dec., 1949	2,375
Standard Oil Company of California	90	19	31S	24E	M.D.	June, 1950	4,715
Standard Oil Company of California	86	33	32S	24E	M.D.	Jan., 1950	2,792
Standard Oil Company of California	44	35	20S	16E	M.D.	Jan., 1950	9,044
Standard Oil Company of California	"Bemmerly Unit" 1	27	11N	1W	M.D.	May, 1950	2,900
Steele Petroleum Company	"Cymric" 1	23	29S	21E	M.D.	Dec., 1949	3,346
Sunray Oil Corporation	"Los Flores" 14	4	8N	33W	S.B.	April, 1950	6,044
Superior Oil Company, The	"Government" 28-2	2	11N	28W	S.B.	May, 1950	7,570
Taylor, E. D., Company	1	11	2S	11W	S.B.	Nov., 1949	680
Tejon Hills Co., The	"Tejon Hills" 21	11	11N	18W	S.B.	Mar., 1950	513
Tejon Hills Co., The	"Tejon Hills" 22	15	11N	18W	S.B.	July, 1950	660
Tejon Hills Co., The	"Tejon Hills" 24	11	11N	18W	S.B.	April, 1950	672
Tejon Hills Co., The	"Tejon Hills" 29	11	11N	18W	S.B.	Dec., 1950	780
Terminal Drilling Company	"Janus" 1	21	29S	24E	M.D.	Aug., 1950	5,000
Texas Company, The	"Westpet Unit Five" 27-29	29	30S	22E	M.D.	Jan., 1950	5,273
Thornbury, Wm., Inc.	"Thornbury-Elkins" 2	8	3N	19W	S.B.	Mar., 1950	1,360
Thornbury Drilling Co.	"Thornbury-Oceanic" 2	33	4N	18W	S.B.	Oct., 1949	1,867
Tide Water Associated Oil Company	"Rindge" 1	25	1S	15W	S.B.	1910	3,841
Tide Water Associated Oil Company	"Stone" 47	30	30S	22E	M.D.	Mar., 1950	5,537
Trico Oil and Gas Company	"Lewis Community" 1	2	24S	22E	M.D.	Sept., 1950	2,650
Trigood Oil Company	"Kinler" 2	16	4N	17W	S.B.	July, 1950	8,361
Union Oil Company of California	"Mission-Adrian" 2	34	3N	16W	S.B.	Jan., 1950	7,580
Union Oil Company of California	"Geis-Robertson" 24	12	3N	20W	S.B.	May, 1950	6,245
Union Oil Company of California	"Outlook" 1-A	28	5N	19W	S.B.	Jan., 1950	2,509
Universal Consolidated Oil Company	"Devils Den Fee" 2	23	25S	18E	M.D.	Dec., 1949	2,577
Universal Consolidated Oil Company	"Orr" 43-12	12	21S	16E	M.D.	July, 1950	11,450
Wattenbarger, Roy J., and Doyle Wattenbarger	"W. W." 2	1	21S	44E	M.D.	May, 1950	334
Wattenbarger, Roy J., and Doyle Wattenbarger	"W. W." 3	1	21S	14E	M.D.	June, 1950	431
Western Gulf Oil Company	"Foley" 1	5	4N	17W	S.B.	July, 1950	8,458
Western Gulf Oil Company	"Woodward & Reynolds Community-one" 81	13	8N	1W	M.D.	Nov., 1950	5,133
Western Petroleum Company	"Western" 2	27	32S	23E	M.D.	June, 1943	323

## DIVISION OF OIL AND GAS

## OUTPOST WILDCAT WELLS—Continued

Company	Well No.	Sec.	Twp.	Range	B. and M.	Date started	Depth (feet)
Yellowstone Oil Company.....	"Hollister" Y-1.....	3	4N	29W	S.B.	April, 1950	1,398
Yellowstone Oil Company.....	"Hollister" Y-2.....	3	4N	29W	S.B.	April, 1950	1,315
Zuni Oil Company.....	"Tar Creek" 1.....	28	5N	19W	S.B.	Mar., 1950	1,425
Zuni Oil Company.....	"Tar Creek" 2.....	28	5N	19W	S.B.	Aug., 1950	508

<sup>1</sup> Commenced well.<sup>2</sup> Abandoned well.

## DEEPER POOL WILDCAT WELLS

Company	Well No.	Sec.	Twp.	Range	B. and M.	Date started	Depth (feet)
Richfield Oil Corporation.....	"Soladino Fee" 52.....	18	9N	34W	S.B.	Aug., 1949	6,032

## PROVED ACREAGE BY COUNTIES—DECEMBER 31, 1950

Butte.....	100	San Bernardino.....	20
Contra Costa.....	953	San Joaquin.....	4,135
Fresno.....	37,075	San Luis Obispo.....	1,105
Glenn.....	270	Santa Barbara.....	21,166
Humboldt.....	460	Santa Clara.....	10
Imperial <sup>*</sup> .....	310	Solano.....	11,644
Kern.....	133,595	Sonoma.....	50
Kings.....	9,588	Stanislaus.....	50
Los Angeles.....	24,554	Sutter.....	840
Madera.....	925	Tehama.....	450
Monterey.....	890	Tulare.....	8,088
Orange.....	10,131	Ventura.....	10,445
Sacramento.....	18,969	Yolo.....	1,304
San Benito.....	30		
		Totals.....	296,857

<sup>\*</sup> Carbon dioxide gas only.

**REPORTS ISSUED BY STATE OIL AND GAS SUPERVISOR  
DURING MONTHS OF JULY TO DECEMBER, 1950,  
INCLUSIVE**

The accompanying tables show the number and kind of reports issued by the State Oil and Gas Supervisor to oil operators in each field of the State of California during each of the above months.

Reports by the Supervisor are of two kinds, namely, those passing upon proposed operations and those passing upon work which has been inspected or tests which have been witnessed by a representative of the Supervisor during the progress of the work or after completion.

The State is divided into five districts, as follows:

District No. 1, including the counties of Los Angeles, Riverside, Orange, San Diego, Imperial, and San Bernardino.

District No. 2, the county of Ventura.

District No. 3, including the counties of Santa Barbara, San Luis Obispo, Monterey, Santa Cruz, San Benito, Santa Clara, Contra Costa, San Mateo, Alameda, and San Francisco.

District No. 4, including the counties of Tulare, Inyo, and Kern.

District No. 5, including the counties of Fresno, Madera, Kings, Mono, Mariposa, Merced, and all other counties in California not included in any of said other districts.

Field offices are maintained in District No. 1 at Los Angeles, with branch field office at Long Beach.

In Districts No. 2, No. 3 and No. 5, the field offices are at Santa Paula, Santa Maria, and Coalinga, respectively.

In District No. 4 the main field office is at Bakersfield, with a branch field office at Taft.

MONTH OF JULY, 1950

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supplementary		First	Supplementary
DIST. 1—Aliso Canyon.....		1				
Brea-Olinda.....	3					
Del Valle.....	4	1	1	2		
Dominguez.....	4	1		2		
East Coyote.....	1	1				
East Los Angeles.....	2	1				
Huntington Beach.....	12	4		1	1	
Inglewood.....	4	1	2	1		
Long Beach.....	41	13	1	14		
Newhall.....		2				
Newhall-Potrero.....		1				
Oak Canyon.....	2	1				
Placerita.....	8	5				
Playa del Rey.....	3					
Potrero.....				1		
Ramona.....	1				1	1
Richfield.....	5	1		3		
Rosecrans.....	1	1		2		
Santa Fe Springs.....	1	2			1	
Seal Beach.....	1			1		
Torrance.....	6			2	1	
West Coyote.....	7	3				
West Newport.....	1	1		2		
Whittier.....	1					
Wilmington.....	20	28	1	15		
Imperial County.....		1				
Los Angeles County.....	8	1	1		4	
Orange County.....	3					
San Bernardino County.....	2				2	
Totals.....	140	71	6	46	10	1
DIST. 2—Ojai.....		1				
Piru.....	1	1				
Ramona.....	1	1				
Rincon.....	6	1				
Santa Paula.....	2					
Simi.....		1				
South Mountain.....	1					
Ventura.....	10			6	2	
West Montalvo.....		1				
Ventura County.....				1		
Totals.....	21	6		7	2	
DIST. 3—Arroyo Grande.....	1		1			
Cat Canyon.....	1			1		
Elwood.....				1		
La Galleta Gas.....					1	
Morales.....	4	1	1		2	
Orcutt.....				1		
Russell Ranch.....	2			1		
South Cuyama.....	7	11	1			
Alameda County.....		1				
Monterey County.....		1				
San Benito County.....	1	2			1	
San Luis Obispo County.....					2	
San Mateo County.....		2	1			
Santa Barbara County.....		1			1	
Totals.....	16	19	4	4	8	
DIST. 4—Antelope Hills.....		1			1	
Bowerbank Gas.....		2				
Canfield Ranch.....	1	2				
Cymric.....	1					
Devils Den.....		1				
Edison.....	5	5			2	
Elk Hills.....	11	3			2	
Fruitvale.....	10	1		8		
Greeley.....					1	
Kern River.....	1	1				
Lost Hills.....	1			1		

## MONTH OF JULY, 1950—Continued

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supple- mentary		First	Supple- mentary
Distr. 4—Continued						
McDonald Anticline.....	1					1
McKittrick.....						
Midway.....	4	2		7	1	
Mountain View.....	2	1		2		
North Coles Levee.....		1		1		
Paloma.....	2	2				
Poso Creek.....		1			1	
Rio Bravo.....	1					
Round Mountain.....		1				
Semitropic Gas.....	1					
South Belridge.....	3	2			3	
Strand.....	2					
Sunset.....	2	4		3		
Tejon Hills.....	1	3			1	
Ten Section.....	2				2	
Wheeler Ridge.....	2	1				
Kern County.....	8	11		1	12	1
Tulare County.....					1	
Totals.....	61	45		23	27	2
Distr. 5—Coalinga.....		2		1	2	
East Coalinga Extension.....				3		
Guajarral.....		1				
Jacalitas.....		1				
Kettleman North Dome.....	2			4		
Raisin City.....	1	1			1	
Rio Vista Gas.....		2				
Riverdale.....				3		
Fresno County.....		2	2			
Humboldt County.....		1			1	
Kings County.....	1		1			
Merced County.....		1				
Sacramento County.....	1	1				
San Joaquin County.....		1			1	
Solano County.....			1			
Tehama County.....	1					
Yolo County.....					1	
Totals.....	6	13	4	11	7	
Grand Totals.....	244	154	14	91	54	3

<sup>1</sup> Wells not in proved oil fields are designated by county only.



## DIVISION OF OIL AND GAS

MONTH OF AUGUST, 1950

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supple- mentary		First	Supple- mentary
DIST. 1—Aliso Canyon.....	1	1				
Brea-Olinda.....	1	1				
Del Valle.....	2	1				1
Dominguez.....	3	1				
East Coyote.....		1		3		
East Los Angeles.....	1					
Huntington Beach.....	7	3				
Inglewood.....	5	6				
Long Beach.....	53		1	19	7	
Montebello.....		1				
Newhall.....	3	1		1		
Newhall-Potrero.....	4	3				
Placerita.....	9	4				
Potrero.....				1		
Richfield.....	2	4		2		
Santa Fe Springs.....	8		1	6	2	
Seal Beach.....	1	1				
Torrance.....	2					
West Coyote.....	2	2				
West Newport.....	3			2		
Whittier.....	1					
Wilmington.....	47	19	1	21		
Imperial County.....				1		
Los Angeles County.....	8	7	1	1	2	
Orange County.....					1	
Riverside County.....					1	
San Bernardino County.....				1		
Totals.....	163	58	4	59	13	1
DIST. 2—Bardsdale.....	1	2			1	
Ojai.....	1	1			1	
Piru.....	1	1				
Ramona.....	2					
Rincon.....	3	2		2		
Santa Paula.....		2				
Sespe.....		2				
South Mountain.....	3	3	1			
Ventura.....	10	10		3		
Ventura County.....		3				
Totals.....	21	26	1	5	2	
DIST. 3—Arroyo Grande.....	1	1				
Cat Canyon.....		2				
Elwood.....				2		
Morales.....	4	4	1		1	
Russell Ranch.....	1	1				
San Ardo.....	1					
South Cuyama.....	18	18				
Zaca.....		3				
Monterey County.....		1			2	
San Benito County.....	1				2	
San Luis Obispo County.....	1	4			5	
Santa Barbara County.....		2			4	
Totals.....	27	36	1	2	14	
DIST. 4—Antelope Hills.....	1					
Bowerbank Gas.....	4				1	
Canfield Ranch.....	5	2				
Cymric.....				1		
Devils Den.....	1					
Edison.....	9	9		1	3	
Elk Hills.....	6	3			2	
Fruitvale.....	12	2	1	7		
Kern Bluff.....	3	4			1	
Kern River.....	1	1				
Lost Hills.....	1	1				
McKittrick.....	3	4			1	1
Midway.....	7			3	1	
Mt. Poso.....		1			1	
Mountain View.....	9	1		7	1	

## SUMMARY OF OPERATIONS—OIL FIELDS

87

MONTH OF AUGUST, 1950—Continued

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supplementary		First	Supplementary
DIST. 4—Continued						
North Belridge.....	1			1		
North Coles Levee.....	3	1				
Paloma.....	3					
Paso Creek.....	1	1				
Rio Bravo.....				1		
Round Mountain.....		1			1	
South Belridge.....	5	3		4	1	
Sunset.....	7	1	1	1	1	
Tejon.....		1				
Tejon Hills.....	1	2		2	5	
Ten Section.....	2					
Trico Gas.....	2	1				
Wasco Gas.....				1		
Wheeler Ridge.....		1				
Kern County.....	4	5	1		7	1
Totals.....	90	45	3	29	26	2
DIST. 5—Coalinga.....	5	1		1	2	1
Dunsmuir Hills Gas.....		2				
Guajarral.....	1					
Jacalitas.....	1	1			1	
Kettleman North Dome.....	3			2		
Rio Vista Gas.....	3	7			1	
Winters Gas.....			1			
Fresno County.....	1		1		3	
Humboldt County.....					1	
Kings County.....		2			1	
San Joaquin County.....	1	1				
Solano County.....					1	
Tehama County.....		1				
Totals.....	14	15	1	3	10	1
Grand totals.....	315	180	10	98	65	4

<sup>1</sup> Wells not in proved oil fields are designated by county only.

## MONTH OF SEPTEMBER, 1950

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supple- mentary		First	Supple- mentary
DIST. 1—Aliso Canyon.....	1	1				
Brea-Olinda.....	1	1				
Del Valle.....	1	2	1			
Dominguez.....	3	1		2	2	
East Coyote.....		1		1		
Huntington Beach.....	9	9		4	3	
Imperial Carbon Dioxide Gas.....		1				
Inglewood.....	4	5				
Long Beach.....	25	2	1	11	5	1
Montebello.....	2	1		2		
Newhall-Potrero.....	2	1			1	
Placerita.....				2	4	
Playa del Rey.....					1	
Potrero.....	1					
Richfield.....	3	1			2	
Rosecrans.....	3			4		
Santa Fe Springs.....	15		1	3	1	
Seal Beach.....	1			1		
Torrance.....				2	1	
West Coyote.....	3					
West Newport.....	3	2		1	1	
Whittier.....	1	1				
Wilmington.....	37	19	1	13	1	
Los Angeles County.....	3	3	1	1	2	
Orange County.....		1				
Riverside County.....				1		
San Bernardino County.....	3				2	
Totals.....	120	52	5	49	26	1
DIST. 2—Bardsdale.....	2	1				
Ojai.....		1				
Piru.....	2	2			1	
Rincon.....	3	1	1	2		
Santa Paula.....		1				
Sespe.....	2				2	
Simi.....	1					
South Mountain.....	1					
Ventura.....	8	2				
Ventura County.....	2	1			2	
Totals.....	21	9	1	2	5	
DIST. 3—Arroyo Grande.....	1	1		1	1	
Cat Canyon.....	1	2				
Elwood.....				4		
Mesa.....	2				1	
Morales.....	1				2	
Russell Ranch.....	1	1				
Santa Maria Valley.....					2	
South Cuyama.....	17	12				
Zaca.....	3					
Alameda County.....		1				
Contra Costa County.....					1	
Monterey County.....		1			1	
San Benito County.....					3	
San Luis Obispo County.....		2				1
San Mateo County.....					2	
Santa Barbara County.....		4			1	
Santa Cruz County.....		1				
Totals.....	26	25		5	14	1
DIST. 4—Antelope Hills.....			1			
Buttonwillow Gas.....				1		
Bowerbank Gas.....	2	1		1		
Canfield Ranch.....	5	1			2	
Cymric.....	2					
Devils Den.....		1				
Edison.....	5	3		2	1	
Elk Hills.....	11	4		1		
Fruitvale.....	7	3		4		

## SUMMARY OF OPERATIONS—OIL FIELDS

89

MONTH OF SEPTEMBER, 1950—Continued

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supple- mentary		First	Supple- mentary
<b>Dist. 4—Continued</b>						
Kern Bluff.....	1					
Kern River.....	3	3				
McDonald Anticline.....	1	1			2	
McKittrick.....	4		1		2	
Midway.....	10	3		5		
Mt. Poso.....		2				
Mountain View.....	8	1		3		
North Coles Levee.....	2	1				
Paloma.....	2			1		
Poso Creek.....		1		1	4	
Rio Bravo.....	1	2				
Round Mountain.....	1	3			4	
South Belridge.....	4	1		1	1	
Strand.....	1					
Sunset.....	5	1	1	2		
Tejon.....	2	1		1		
Tejon Hills.....	3	3		1	1	
Ten Section.....	1			1		
Trico Gas.....	1	1				
Wheeler Ridge.....	1					
Kern County.....	4	2			2	
<b>Totals.....</b>	<b>87</b>	<b>39</b>	<b>3</b>	<b>26</b>	<b>19</b>	
<b>Dist. 5—Coalinga</b>	<b>1</b>	<b>3</b>		<b>2</b>	<b>2</b>	
Dunnigan Hill Gas.....	2					
Gill Ranch Gas.....		1				
Gujarral.....	1					
Helm.....				1		
Jacalitas.....	4					
Kettleman North Dome.....		2		2		
Kettleman Middle Dome.....				1		
Ord Bend Gas.....				1		
Raisin City.....		1			1	
Rio Vista Gas.....	5	3		1		
Riverdale.....				1		
Kings County.....		1			1	
Merced County.....		1			1	
San Joaquin County.....					1	
Tehama County.....		4			1	
Yolo County.....		1				
<b>Totals.....</b>	<b>13</b>	<b>18</b>		<b>9</b>	<b>7</b>	
<b>Grand totals.....</b>	<b>267</b>	<b>143</b>	<b>9</b>	<b>91</b>	<b>71</b>	<b>2</b>

<sup>1</sup> Wells not in proved oil fields are designated by county only.

## DIVISION OF OIL AND GAS

MONTH OF OCTOBER, 1950

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supple- mentary		First	Supple- mentary
<b>DIST. 1—</b> Aliso Canyon.....	1					
Brea-Olinda.....		2			3	
Del Valle.....	5	1		3	1	
Dominguez.....	10	1		5	1	
East Coyote.....	4	1				1
Huntington Beach.....	9	9		5		
Imperial Carbon Dioxide Gas.....		1				
Inglewood.....	5	3				
Long Beach.....	29	7	1	9	2	
Montebello.....	5	1	1	1		
Newhall.....	2	1			3	
Newhall-Potrero.....	3	3				
Oak Canyon.....			1			1
Placerita.....		2		1	1	
Playa del Rey.....	5				1	
Ramona.....	1	1				
Richfield.....	9	2		2		
Rosecrans.....				1	1	
Santa Fe Springs.....	3			6		
Seal Beach.....	1					
Torrance.....	18	2		6	2	1
West Coyote.....		2				
West Newport.....	2			2		
Whittier.....	1			1	1	
Wilmington.....	40	21	7	14	4	
Los Angeles County.....	7	5	1	1	4	
Orange County.....		1				
Riverside County.....	1					
San Bernardino County.....	3	1				
<b>Totals.....</b>	<b>164</b>	<b>66</b>	<b>11</b>	<b>57</b>	<b>23</b>	<b>3</b>
<b>DIST. 2—</b> Barddale.....	1	1				
Ojai.....	1	1				
Ornard.....				1		
Piru.....		1				
Rincon.....	2	1	1	1	1	
Santa Paula.....	1					
Sespe.....	1	1			1	
South Mountain.....		2			1	
Ventura.....	8	4		4		
Ventura County.....	1	1			1	
<b>Totals.....</b>	<b>15</b>	<b>12</b>	<b>1</b>	<b>6</b>	<b>4</b>	
<b>DIST. 3—</b> Arroyo Grande.....	4				1	
Casmalia.....	1					
Cat Canyon.....	1	3				
Elwood.....	1					
Goleta.....	1	1				
Morales.....	1	2				
Russell Ranch.....	2	2			1	
Santa Maria Valley.....	2					
South Cuyama.....	6	4	2	1		
Alameda County.....					1	
Contra Costa County.....		1				
Monterey County.....	1	1			1	
San Benito County.....	2					1
San Luis Obispo County.....	2		2		2	
Santa Barbara County.....	3			1	1	
Santa Clara County.....	1					
Santa Cruz County.....	1				2	
<b>Totals.....</b>	<b>18</b>	<b>23</b>	<b>4</b>	<b>2</b>	<b>9</b>	<b>1</b>
<b>DIST. 4—</b> Bowerbank Gas.....	4	1			1	
Canfield Ranch.....	1	2				
Cymric.....	1	1		1		
Devils Den.....	1	1	1		1	
Edison.....	9	6		1	3	
Elk Hills.....	8	5				
Fruitvale.....	18	6	1	3	1	
Kern Front.....	1	1		1	1	
Kern River.....	3			1		
Lost Hills.....		1				

## SUMMARY OF OPERATIONS—OIL FIELDS

91

MONTH OF OCTOBER, 1950—Continued

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supple- mentary		First	Supple- mentary
DIST. 4—Continued						
McDonald Anticline.....	1	1				
McKittrick.....	2			1	1	
Midway.....	7	2		7		
Mt. Poso.....		1			2	
Mountain View.....	8	1		2	1	1
North Coles Levee.....	2	2				
Poso Creek.....	5	1				
Round Mountain.....		1		1	1	
South Belridge.....	4	4				
Strand.....	1					
Sunset.....	5	2	1	2		
Tejon.....	3		1	1		
Tejon Hills.....	6	9		1	1	1
Trico Gas.....	1					
Kern County.....	3	6			5	1
Tulare County.....		1			1	
Totals.....	93	56	4	22	19	3
DIST. 5—Cache Slough Gas.....		1				
Coalinga.....	12	5		2	4	
East Coalinga Extension.....				2		
Dunnigan Hills Gas.....		1				
Gujarral.....		1		1		
Helm.....	2			1	1	
Jacalitas.....	3				3	
Kettleman North Dome.....	2					
Kettleman Middle Dome.....	1			1		
Raisin City.....	2	1		1		
Rio Vista Gas.....	5	4			1	
Riverdale.....				1	1	
Winters Gas.....		1				
Colusa County.....		1				
Kings County.....	2	3			2	
Merced County.....		1				
Solano County.....		3				
Sonoma County.....		1				
Tehama County.....	1	1			1	
Yolo County.....					1	
Totals.....	30	24		10	14	
Grand Totals.....	320	181	20	97	69	7

<sup>1</sup> Wells not in proved oil fields are designated by county only.

## DIVISION OF OIL AND GAS

MONTH OF NOVEMBER, 1950

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supple- mentary		First	Supple- mentary
Distr. 1—Aliso Canyon.....	3	1				
Brea-Olinda.....	5	3	2		1	
Del Valle.....	4	1				
Dominguez.....	2	1				
East Coyote.....	3			2		
Huntington Beach.....	16	8		5	1	
Imperial Carbon Dioxide Gas.....		1				
Inglewood.....	7	2				
Long Beach.....	17	3		8	5	
Montebello.....	1	2				
Newhall.....	5					
Newhall-Potrero.....	4					
Placerita.....	17	5		1	2	
Ramona.....	1					
Richfield.....	7	2		1	1	
Rosenerans.....	1					
Santa Fe Springs.....	2	1		4	2	
Seal Beach.....	1	1				
Torrance.....	4	1			1	
West Coyote.....	4	4				
West Newport.....	1	2				
Whittier.....	1	1				
Wilmington.....	37	14	1	11		
Los Angeles County.....	7	2	1		5	
Orange County.....	3	1				
Riverside County.....		1				
San Bernardino County.....		1				
Totals.....	152	58	4	32	18	
Distr. 2—Bardsdale.....	1					
Ojai.....	2	1				
Piru.....		2				
Rineon.....	1	3		2	1	
Santa Paula.....		1	1			
South Mountain.....	3	1			1	
Temescal.....	2	1				
Ventura.....	7	2		8		
Ventura County.....					2	
Totals.....	16	11	1	10	4	
Distr. 3—Arroyo Grande.....	3	1			1	
Cat Canyon.....	2	2		1		
Elwood.....				1		
Morales.....	2	1	2			
Russell Ranch.....	1	2			1	1
San Ardo.....	2	4				
Santa Maria Valley.....	2				5	1
South Cuyama.....	4	6		1		
Zaca.....	1	1			1	
San Benito County.....						
San Luis Obispo County.....	1	5	1		1	
San Mateo County.....					1	
Santa Barbara County.....		3	1		3	
Santa Cruz County.....					1	
Totals.....	17	26	4	3	14	2
Distr. 4—Antelope Hills.....		1				
Bowerbank Gas.....		1				
Canfield Ranch.....	4	1			1	
Cymric.....		5		1		
Devils Den.....					1	
Edison.....	7	6	1	1		
Elk Hills.....	8	3				
Fruitvale.....	14	5		4		
Kern Bluff.....	1	1				
Kern Front.....	1					
Kern River.....	1				1	
Lost Hills.....	1	1				



## MONTH OF NOVEMBER, 1950—Continued

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supple- mentary		First	Supple- mentary
Distr. 4—Continued						
McDonald Anticline.....	1					
McKittrick.....	1			2		
Midway.....	11	10		9	1	
Mt. Poso.....		1		1		1
Mountain View.....	4	2		3	1	
North Coles Levee.....	1	1				
Paloma.....		1				
Poso Creek.....	4	3				
Round Mountain.....	4				2	
South Belridge.....	4	4	1			
Sunset.....	3	1	1	1	1	
Tejon.....	2			2	1	
Tejon Hills.....	4	5		3	2	
Kern County.....	6	6	1		2	
Totals.....	82	59	4	28	12	1
Distr. 5—Coalinga	9	3	1		9	
East Coalinga Extension.....		1		1		
Dunnigan Hills Gas.....				1		
Gill Ranch Gas.....				1	1	
Helm.....	1	1				
Jacalitas.....		1	1			
Kettleman North Dome.....	2	1	1	4		
Kettleman Middle Dome.....				1		
Pleasant Valley.....				1		
Raisin City.....	1			1		
Rio Vista Gas.....	4	3				
Riverdale.....					1	
Winters Gas.....			1		1	
Fresno County.....		2	1	2	1	
Kings County.....		1			2	
Solano County.....					1	
Sonoma County.....					1	
Tehama County.....	2	1			1	
Totals.....	20	14	5	11	19	
Grand totals.....	287	168	18	84	67	3

<sup>1</sup> Wells not in proved oil fields are designated by county only.

## DIVISION OF OIL AND GAS

MONTH OF DECEMBER, 1950

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supple- mentary		First	Supple- mentary
DIST. 1—Aliso Canyon.....	3	2				
Brea-Olinda.....	2	5		2		6
Del Valle.....	2	1				
Dominguez.....	1			1		
East Coyote.....	2	1				
Huntington Beach.....	8	10		4		1
Inglewood.....	3	2				
Long Beach.....	16	1		8		1
Montebello.....	1	2				
Newhall-Potrero.....	1	1				
Oak Canyon.....	5					1
Placerita.....	7					3
Richfield.....	3	3		5		2
Rosecrans.....				1		
Salt Lake.....				1		
Santa Fe Springs.....	3	1		6		1
Seal Beach.....	2	1		1		
West Coyote.....	5	1		1		
West Newport.....	4	1		1		
Whittier.....	1	1				
Wilmington.....	30	13		11		2
Los Angeles County.....	8	4	1	1		4
Orange County.....		1				1
San Bernardino County.....	2					
Totals.....	109	51	1	43		22
DIST. 2—Bardsdale.....	1	2				
Opai.....	1	1				8
Piru.....			4			1
Rincon.....	5	3				
Sespe.....	1	1				
South Mountain.....	2					
Temescal.....	1		1			1
Ventura.....	9	7		3		
Ventura County.....						1
Totals.....	20	14	5	3		11
DIST. 3—Cat Canyon.....	1	2		1		
Elwood.....	1					
Goleta.....	1		1			
Morales.....	1	1				
Orcutt.....				3		
Russell Ranch.....	1	4		1		
San Ardo.....	2	1				
Santa Maria Valley.....	4			5		
South Cuyama.....	5	1	2	1		
Alameda County.....						1
Contra Costa County.....						1
Monterey County.....		2				
San Benito County.....		1				1
San Luis Obispo County.....	1	2				5
Santa Barbara County.....		3				2
Totals.....	17	17	3	11		10
DIST. 4—Antelope Hills.....	1					
Bowerbank Gas.....	3					
Canfield Ranch.....		1				
Cynric.....	5	2		1		1
Devils Den.....	1	1				
Edison.....	14	6		2		
Elk Hills.....	6	2				
Fruitvale.....	10	1	2	4		1
Kern Front.....		3				
Kern River.....		4				
Lost Hills.....	1	2	1			1
Midway.....	6	5		6		
Mt. Poso.....	1	1		1		2
Mountain View.....	6			4		
North Belridge.....	1			1		
North Coles Levee.....	3	1				

## SUMMARY OF OPERATIONS—OIL FIELDS

95

MONTH OF DECEMBER, 1950—Continued

Field or county <sup>1</sup>	Tests	Proposals				
		New wells		Deepen or redrill	Abandon	
		Drill	Supple- mentary		First	Supple- mentary
Distr. 4—Continued						
Paloma.....	1					
Poso Creek.....	3	2		1		
Round Mountain.....	1			1		
Sunset.....	4	3		4		
Tejon.....	8	3		1	1	
Tejon Hills.....	1	8				
Wasco.....	8	14			7	
Kern County.....					1	
Tulare County.....						
Totals.....	83	59	3	26	14	
Distr. 5—Coalinga	11	2	1	1	4	
East Coalinga Extension.....	1					
Dunnigan Hills Gas.....	1					
Guijarra.....	2	1				
Jacalitas.....	1			2	1	
Kettleman North Dome.....	1			4		
Raisin City.....	1	1	1			
Rio Vista Gas.....	2	3		1		
Riverdale.....				2		
Fresno County.....		1	1			
Merced County.....					1	
Napa County.....		1				
Solano County.....					1	
Tehama County.....		1				
Totals.....	20	10	3	10	7	
Grand Totals.....	249	151	15	93	64	

<sup>1</sup> Wells not in proved oil fields are designated by county only.

## DIRECTORY OF CALIFORNIA OIL OPERATORS

(Revised to December 31, 1950)

A star before the name of an operator indicates that the concern produced oil or gas during the calendar year 1950. The number of wells, followed by the name of the county, means the potential producing wells as of December 31, 1950.

The directory contains the names of all oil producers, and the names of all syndicates, associations or unincorporated oil companies, which have filed notices to drill oil wells since the date of the last directory. Only such individuals and copartnerships (unless operating as syndicates, associations or oil companies) as own or operate properties are listed.

The last directory compiled by the Division of Oil and Gas, revised to December 31, 1949, was published in "Summary of Operations—California Oil Fields," Vol. 35, No. 2.

- \*A. & G. OIL COMPANY,  
522 14th St., Huntington Beach, Cal.  
(8 wells, Orange County.)
- \*A. & S. PETROLEUM CORPORATION,  
115½ Main St., Huntington Beach, Cal.  
(5 wells, Orange County.)
- ABRAMS, JOHN M.,  
650 S. Grand Ave., Los Angeles 14, Cal.  
(Well, Los Angeles County, abandoned.)
- ACME DRILLING COMPANY,  
3291 Cherry Ave., Long Beach 7, Cal.  
(Well, Los Angeles County, abandoned.)
- \*ADAMS OIL COMPANY,  
612 S. Flower St., Los Angeles 17, Cal.  
(3 wells, Santa Barbara County.)
- \*ADKISSON, W. L., OIL COMPANY  
(Partnership),  
Bln ZZ, Taft, Cal. (7 wells, Kern County.)
- \*AECO CORPORATION,  
527½ N. La Cienega, Los Angeles 48,  
Cal. (Wells being abandoned.)
- \*AGA OIL COMPANY (W. O. and J. I.  
Anderson, operating as),  
730 W. 10th Pl., Los Angeles 15, Cal.  
(17 wells, Kern County.)
- \*AIRLINE OIL CO. C. C. HERWICK  
(Individual),  
3537 Atlantic Ave., Long Beach 7, Cal.  
(7 wells, Los Angeles County.)
- AIRWAYS PETROLEUM CORPORATION,  
5410 Wilshire Blvd., Los Angeles 36,  
Cal. (Well, Los Angeles County,  
abandoned.)
- \*ALAMO OIL COMPANY,  
756 S. Broadway, Los Angeles 14, Cal.  
(5 wells, Orange County.)
- \*ALBERTSON-BOSWELL OIL COMPANY,  
5225 Wilshire Blvd., Rm. 700, Los Angeles 36, Cal. (1 well, Los Angeles County.)
- \*ALFORD AND ELLIOTT,  
3275 Cherry Ave., Long Beach 7, Cal.  
(3 wells, Kern County.)
- \*ALLEN, HUGH M.,  
Box 489, Maricopa, Cal. (5 wells, Kern County.)
- \*ALLEN, R. E., BEULAH CLARK  
ADAMS, AND H. J. CRESS (Thomas  
J. Kelley, Receiver),  
417 S. Hill St., Los Angeles 13, Cal. (1  
well, Los Angeles County.)
- ALLEN & SHELDON (Partnership),  
525 W. First St., Long Beach 2, Cal.)
- ALLIED PETROLEUM CORPORATION,  
Care Wendell P. Hubbard, 417 S. Hill  
St., Los Angeles 13, Cal.
- \*ALTA KNOLLS OIL COMPANY,  
Box 895, Bakersfield, Cal. (1 well, Kern  
County.)
- \*AMATUZZO, ALEXANDER D.,  
15137 Hartsook St., Sherman Oaks, Cal.  
(1 well, Los Angeles County.)
- \*AMERADA PETROLEUM CORPORATION,  
417 S. Hill St., Los Angeles 13, Cal. (61  
wells, Fresno County; 39 wells, Kern  
County; 15 wells, Orange County; 23  
gas wells, Sacramento County; 8 gas  
wells, San Joaquin County; 63 gas  
wells, Solano County; total wells,  
209.)
- \*AMERADA PETROLEUM CORPORATION,  
OPERATOR,  
417 S. Hill St., Los Angeles 13, Cal. (1  
gas well, San Joaquin County.)
- \*AMERADA PETROLEUM CORPORATION,  
UNIT OPERATOR,  
417 S. Hill St., Los Angeles 13, Cal. (41  
wells, Fresno County.)
- \*AMERICAN NAPHTHA-OIL CORPORATION,  
510 S. Spring St., Rm. 918, Los Angeles  
13, Cal. (68 wells, Kern County.)
- \*ANCHOR OIL COMPANY,  
450 W. California St., Pasadena 2, Cal.  
(3 wells, Los Angeles County.)
- \*ANCHOR OIL COMPANY (Copartnership),  
Box 489, Maricopa, Cal. (22 wells, Kern  
County.)
- ANDERSON, A. C.,  
342 E. First St., Long Beach 2, Cal.  
(Well, San Bernardino County, abandoned.)
- ANDERSON, F. G.,  
417 S. Hill St., Rm. 522, Los Angeles 13,  
Cal.

- ANDERSON, J. I., OPERATOR (Partnership),**  
730 W. 10th Pl., Los Angeles 15, Cal.  
(Wells, Santa Barbara County, idle.)
- ANDERSON, JOE M., & J. F. BRANSON (Partnership),**  
Box 57, Midway City, Cal.
- ANDREWS & ASSOCIATES,**  
3291 Cherry Ave., Long Beach 7, Cal.  
(Well, Kern County, abandoned.)
- \*ANLAUF, M. G.,**  
Rt. 2, Box 133, Santa Paula, Cal. (3 wells, Ventura County.)
- \*ANTELOPE OIL COMPANY (Partnership),**  
Box 1664, Bakersfield, Cal. (3 wells, Kern County.)
- \*A-1 OIL WELL ABANDONMENT CO. (Partnership),**  
3516 Atlantic Ave., Long Beach 7, Cal.  
(1 well, Kern County.)
- \*APEX PETROLEUM CORPORATION, LTD.,**  
1444 E. Hill St., Long Beach 6, Cal. (1 well, Kern County; 24 wells, Los Angeles County; 3 wells, Orange County.)
- \*APEX PETROLEUM CORPORATION, LTD., AND CENTURY OIL COMPANY,**  
1444 E. Hill St., Long Beach 6, Cal. (4 wells, Kern County.)
- \*APPGATE, GILBERT,**  
953 Carson Ave., Long Beach 7, Cal. (5 wells, Los Angeles County.)
- \*APPGATE & HERWICK (Partnership),**  
3537 Atlantic Ave., Long Beach 7, Cal.  
(On April 1, 1950, 5 wells, Los Angeles County, were transferred to Gilbert Applegate, and 2 wells in the same county to airline oil Co. C. C. Herwick.)
- ARDLY PETROLEUM COMPANY (Partnership),**  
371 S. Third St., San Jose 12, Cal.
- \*ARGENTENA CONSOLIDATED MINING COMPANY,**  
257 S. Spring St., Rm. 442, Los Angeles 12, Cal. (2 wells, Kern County.)
- \*ARMSTRONG, L. B.,**  
Box 1331, Bakersfield, Cal. (2 wells, Kern County.)
- \*ARMSTRONG, L. B., & ASSOCIATES,**  
Care Mission Oil Co. & Associates, 639 S. Spring St., Los Angeles 14, Cal.  
(Well, Fresno County, transferred to Padre Oil Co., October 1, 1950.)
- ARNOLD, ANNE,**  
408 S. Spring St., Los Angeles 13, Cal.
- \*ARROWHEAD OIL COMPANY, LTD.,**  
609 S. Grand Ave., Rm. 909, Los Angeles 17, Cal. (15 wells, Orange County.)
- \*ARTNELL COMPANY,**  
100 W. Monroe St., Chicago 3, Ill. California address: Box 607, Coalinga (42 wells, Fresno County; 1 well, Kings County.)
- \*ARVIN OIL COMPANY (Limited Partnership),**  
424 S. Beverly Dr., Beverly Hills, Cal. (Wells, Los Angeles County, transferred to Twentieth Century Oil Co., September 1, 1950.)
- \*ASLIN OIL COMPANY, INC.,**  
1219 Baker St., Bakersfield, Cal. (6 wells, Kern County.)
- \*ATLANTA OIL COMPANY,**  
523 W. Sixth St., Rm. 810, Los Angeles 14, Cal. (7 wells, Kern County; 65 wells, Los Angeles County; 14 wells, Orange County.)
- \*ATLANTIC OIL COMPANY-MILLER & FORD,**  
523 W. Sixth St., Room 810, Los Angeles 14, Cal. (7 wells, Orange County.)
- \*ATLANTIC OIL COMPANY AND O. M. SLOSSON,**  
523 W. Sixth St., Los Angeles 14, Cal. (1 well, Los Angeles County.)
- \*ATLAS OIL CO.,**  
417, S. Hill St., Rm. 975, Los Angeles 13 Cal.
- ATLAS PRODUCTION INC.,**  
811 W. Seventh St., Los Angeles 17, Cal. (Well, Los Angeles County, idle.)
- ATWOOD OIL COMPANY,**  
2310 Orange Ave., Long Beach 6, Cal.
- AULT, LEE, & ASSOCIATES (Limited Partnership),**  
Care Maurice MacGoodstein, 403 W. Eighth St., Los Angeles 14, Cal.  
(Well, Kern County, abandoned.)
- AVERILL, GEORGE G., DR.,**  
1403 W. Seventh St., San Pedro, Cal. (Wells, Los Angeles County, transferred to D. F. Hamilton, April 4, 1950.)
- \*AXIS PETROLEUM COMPANY,**  
2915 Atlantic Ave., Long Beach 7, Cal. (9 wells, Los Angeles County.)
- \*BBC OIL COMPANY (E. C. Brumleu, Carlton Beal, and Harry D. Cranston, operating as),**  
Care E. C. Brumleu, 5433 Onacrest Dr., Los Angeles 43, Cal. (2 wells, Orange County.)
- \*B C M OIL CO. (Partnership),**  
630 Jergins Trust Bldg., Long Beach, Cal. (2 wells, Los Angeles County.)
- \*B & D OIL CORPORATION,**  
1098 E. Wardlow Road, Long Beach 7, Cal. (1 well, Orange County.)
- \*B. H. C. OIL COMPANY,**  
Box 669, Bakersfield, Cal. (6 wells, Kern County.)
- \*B & J OIL CO. (Partnership),**  
5603 W. Eighth St., Los Angeles 36, Cal. (2 wells, Los Angeles County.)
- B. K. COMPANY (Partnership),**  
101 Truxtun Ave., Bakersfield, Cal.
- \*B-K-S OIL COMPANY (Partnership),**  
523 W. Sixth St., Los Angeles 14, Cal. (6 wells, Kern County.)

- \*B & L PRODUCTION COMPANY** (Partnership),  
1320 Chester Ave., Bakersfield, Cal. (28 wells, Kern County.)
- \*B. AND M. OIL COMPANY,**  
Box 789, Maricopa, Cal. (12 wells, Kern County.)
- \*B & R OIL COMPANY** (Partnership: B. C. Roos and Frank B. Belcher, operating as),  
510 S. Spring St., Rm. 808, Los Angeles 13, Cal. (11 wells, Kern County.)
- \*BABCOCK, L. W.,**  
7241 Forbes Ave., Van Nuys, Cal. (Well, Los Angeles County, transferred to O. H. Crabtree, December 29, 1950.)
- BADGER OIL COMPANY** (Partnership),  
605 W. Olympic Blvd., Rm. 825, Los Angeles 15, Cal. (Well, Kern County, abandoned.)
- \*BAKER, JOHN L.,**  
2217 Sunset Ave., Bakersfield, Cal. (7 wells, Kern County.)
- \*BAKERSFIELD OIL COMPANY,**  
117 E. Colorado, Rm. 424, Pasadena 1, Cal. (8 wells, Kern County.)
- \*BAKEWELL, G. G.,**  
1128 Mission St., South Pasadena, Cal. (1 well, Orange County.)
- \*BALD EAGLE OIL COMPANY,**  
Rt. 1, Box 209, Bakersfield, Cal. (14 wells, Kern County.)
- \*BALDWIN, C. K.,**  
221 N. Cornell Ave., Fullerton, Cal. (2 wells, Orange County.)
- \*BAND OIL COMPANY,**  
1320 Chester Ave., Bakersfield, Cal. (11 wells, Kern County.)
- \*BANDINI PETROLEUM COMPANY,**  
1206 Maple Ave., Los Angeles 15, Cal. (4 wells, Kern County; 14 wells, Los Angeles County.)
- \*BANKLINE OIL COMPANY,**  
437 S. Hill St., Rm. 700, Los Angeles 13, Cal. (34 wells, Kern County; 56 wells, Los Angeles County; 11 wells, Santa Barbara County; 6 wells, Ventura County; total wells, 107.)
- \*BARCUS, WALTER I.,**  
Citizens Bank Bldg., Wilmington, Cal. (1 well, Los Angeles County.)
- \*BARDEEN, HUGH ALAN,**  
1417 N. Detroit St., Los Angeles 46, Cal. (2 wells, Los Angeles County.)
- \*BARSDALE OIL COMPANY** (Limited Partnership),  
6363 Wilshire Blvd., Suite 500, Los Angeles 36, Cal. (1 well, Ventura County.)
- \*BARDWELL, E. R.,**  
Box 1246, Taft, Cal. (2 wells, Kern County.)
- BARKER, LES, OIL COMPANY** (Less Barker, operating as),  
Box 582, Maricopa, Cal. (Well, Kern County, idle.)
- BARMORE, SPALDING & MCFANN DEVELOPMENT COMPANY** (Co-partnership: Ned Barmore, B. T. Spalding, and Lottie B. McFann, operating as),  
417 S. Hill St., Rm. 1009, Los Angeles 13, Cal.
- \*BARNES JESS C.,**  
Box 54, Goleta, Cal. (6 wells, Santa Barbara County.)
- BARNES & SHADRICK CORE DRILLING COMPANY** (Doyle B. Barnes, operating as),  
215 N. Chester Ave., Bakersfield Cal.
- \*BARNHART-MORROW CONSOLIDATED,**  
417 S. Hill St., Rm. 1020, Los Angeles 13, Cal. (3 wells, Los Angeles County.)
- BARNSDALL OIL COMPANY,**  
(Barnsdall Oil Company was merged with Sunray Oil Corporation, effective July 1, 1950.)
- \*BARRATT, M., AND ERNEST W. BYSSHE, JR.,** (Partnership),  
417 S. Hill St., Rm. 509, Los Angeles 13, Cal. (13 wells, Los Angeles County; 1 well, Ventura County.)
- BARTH, DAVID A.,**  
2481 Blanch St., Pasadena, Cal. (Well, Ventura County, abandoned.)
- \*BARTHOLOMAE CORPORATION,**  
Box 111, Fullerton, Cal. (4 wells, Los Angeles County; 20 wells, Orange County.)
- \*BASHER, HARRY**  
921 Baker St., Bakersfield, Cal. (2 wells, Kern County.)
- BASIN OIL CO.,**  
(Name changed to Basin Oil Co. of California, November 1, 1950.)
- \*BASIN OIL CO. OF CALIFORNIA,**  
(Name changed from Basin Oil Co., November 1, 1950.)  
417 S. Hill St., Rm. 750, Los Angeles 13, Cal. (31 wells, Los Angeles County; 2 wells, Orange County.)
- \*BASS & WESTLUND,**  
c/o Apple Valley Bldg. & Dev. Co., Box 1, Apple Valley, Cal. (1 well, Los Angeles County.)
- \*BAUER, J. HAROLD,**  
5605 N. Charlotte Dr., San Gabriel, Cal. (2 wells, Kern County.)
- \*BAUER OIL COMPANY** (J. Harold Bauer, operating as),  
5605 N. Charlotte Dr., San Gabriel, Cal. (1 well, Kern County.)
- \*BAUERDORF, GEORGE F., TRUSTEE** (Joint Venture),  
3073 Cherry Ave., Long Beach 7, Cal. (1 well, Los Angeles County.)
- \*BAY SHORE OIL COMPANY, INC.,**  
2499 Cerritos Ave., Long Beach 6, Cal. (8 wells, Orange County; well, Kern County, abandoned.)
- \*BEACH PETROLEUM CORPORATION, LTD.,**  
2907 E. Seventh St., Long Beach 1, Cal. (3 wells, Los Angeles County.)

- BEAL, CARLTON,**  
11699 Bellagio Rd., Los Angeles 49, Cal.
- BEAR MOUNTAIN OIL COMPANY**  
(Limited Partnership),  
2075 E. Third St., Long Beach 14, Cal.  
(Wells, Kern County, abandoned.)
- BEAUDETTE, E. A.,**  
920 11th St., Huntington Beach, Cal.  
(Well, Orange County, idle.)
- \*BEAUDETTE, E. A., JR.,**  
2431 235th St., Torrance, Cal. (1 well,  
Los Angeles County.)
- \*BECK CORPORATION,**  
2861 Lakeside Dr., Reno, Nev. (2 wells,  
Los Angeles County.)
- BEENE, H., OIL COMPANY** (Limited  
Partnership),  
3174 Easy Ave., Long Beach 10, Cal.  
(Well, Los Angeles County, trans-  
ferred to R. B. Mitchell Co., May 25,  
1950.)
- BEESUM OIL COMPANY** (Partnership),  
115 Seventh St., Huntington Beach,  
Cal.
- \*BEGO CORPORATION,**  
615 E. Willow St., Long Beach 6, Cal.  
(11 wells, Los Angeles County.)
- \*BELL, H. H.,**  
315 Brower Bldg., Bakersfield, Cal. (1  
well, Kern County.)
- \*BELL, HOWARD H., JR.,**  
292 Third St., Coalinga, Cal. (11 wells,  
Fresno County.)
- \*BELL PETROLEUM COMPANY,**  
801 Moraga Dr., Los Angeles 24, Cal.  
(53 wells, Santa Barbara County.)
- \*BELMONT OIL COMPANY,**  
Care Morris Berman, 919½ S. Hobart  
Blvd., Los Angeles 6, Cal. (4 wells,  
Los Angeles County.)
- \*BELOIL CORPORATION, LTD.**  
Box 179, Inglewood, Cal. (3 wells, Los  
Angeles County; 20 wells, Orange  
County.)
- \*BELRIDGE OIL COMPANY,**  
815 Edison Bldg., Los Angeles 13, Cal.  
(592 wells, Kern County.)
- \*BELRIDGE OIL COMPANY, OPERA-  
TOR,**  
(601 W. Fifth St., Rm. 815, Los Angeles  
13, Cal. (84 wells, Kern County.)
- BENA OIL COMPANY** (Partnership),  
1929 Rose Marie Dr., Bakersfield, Cal.  
(Well, Kern County, abandoned.)
- \*BENDER, E. A.,**  
Box 52, Bakersfield, Cal. (9 wells, Kern  
County; well, Contra Costa County,  
abandoned.)
- \*BENDER, E. A., DRILLING COM-  
PANY** (Not incorporated),  
Box 52, Bakersfield, Cal. (13 wells, Kern  
County.)
- \*BEN HUR REFINING CORP.,**  
3328 Elm Ave., Long Beach 7, Cal.  
(Wells, Los Angeles County, trans-  
ferred to Eureka Co., September 25,  
1950.)
- \*BENITO HUNTINGTON OIL COM-  
PANY,**  
Box 546, Wilmington, Cal. (1 well,  
Orange County.)
- BENNETT, SAMUEL OPERATOR**  
451 N. Rodeo Dr., Beverly Hills, Cal.
- \*BENNIGSDORF, L. H.**  
430 E. Wilshire Ave., Fullerton, Cal. (1  
well, Orange County.)
- \*BERCOWIL OIL COMPANY** (M. N.  
Berger, I. H. Willis, and W. H. Coons,  
operating as),  
23499 Narbone Ave., Torrance, Cal. (4  
wells, Los Angeles County.)
- BERGHOFER, VICTOR,**  
Rt. 1, Box 612, Vista, Cal. (Well, River-  
side County, abandoned.)
- BERING, R. E.,**  
614 S. Hope St., Los Angeles 14, Cal.
- BERING, R. E., & THE MITCHEL CO.,**  
19056 Plummer, Northridge, Cal. (Well,  
Kern County, abandoned.)
- \*BERNHARD, M. A.,**  
1833 Marney Ave., Los Angeles 32, Cal.  
(1 well, Los Angeles County.)
- \*BERNHARD OIL COMPANY** (Partner-  
ship),  
1833 Marney Ave., Los Angeles 32, Cal.  
(1 well, Ventura County.)
- \*BERNSTEIN, BOONE AND SATCH-  
ELL** (Copartnership),  
300 Jergins Trust Bldg., Long Beach 2,  
Cal. (2 wells, Los Angeles County.)
- \*BERNSTEIN, SAM,**  
1422 Wilmington Blvd., Wilmington,  
Cal. (Wells, Los Angeles County,  
transferred to Estate of Sam Bern-  
stein, D. A. Boone, Executor, May 29,  
1950.)
- \*BERNSTEIN, SAM, ESTATE OF** (D. A.  
Boone, Executor),  
300 Jergins Trust Bldg., Long Beach 2,  
Cal. (3 wells, Los Angeles County.)
- \*BERRY & EWING,**  
111 Sutter St., Rm. 1706, San Francisco  
4, Cal. (15 wells, Kern County.)
- \*BERRY HOLDING COMPANY,**  
111 Sutter St., Rm. 1706, San Francisco  
4, Cal. (25 wells, Kern County.)
- BERRY-LOUKONEN, LTD.** (Limited  
Partnership),  
1075 Stanley Ave., Long Beach 4, Cal.
- \*BERRY OIL COMPANY,**  
111 Sutter St., Rm. 1706, San Francisco  
4, Cal. (61 wells, Kern County.)
- \*BERRY, PEARL E.,**  
111 Sutter St., San Francisco 4, Cal. (5  
wells, Kern County.)
- \*BERRYHILL, ROY J., AND DEANE  
NEWENHAM** (Partnership),  
340 E. 59th St., Long Beach 5, Cal. (5  
wells, Orange County.)
- BETH PETROLEUM CORPORATION,**  
4129 Ingalls St., San Diego 3, Cal. (Well,  
Orange County, transferred to J. E.  
Pettijohn, January 5, 1950.)



- BETTYMAC OIL COMPANY** (John MacLeod, operating as),  
612 S. Flower St., Los Angeles 14, Cal.
- \*BEV OIL COMPANY, THE** (Copartnership),  
Care V. L. Howard, 5626 Campo Walk, Long Beach 3, Cal. (1 well, Los Angeles County.)
- \*BEVER, FRED,**  
Box 11, Torrance, Cal. (4 wells, Los Angeles County.)
- \*BEVERLY OIL COMPANY,**  
8215 W. Third St., Los Angeles 36, Cal. (7 wells, Los Angeles County.)
- \*BEVO DRILLING COMPANY** (H. G. Edelman, operating as),  
743 E. Willow St., Long Beach 6, Cal. (3 wells, Los Angeles County; 1 well, Orange County.)
- \*BEVO OIL COMPANY** (Not incorporated),  
743 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*BEYL, FREDERICK C.,**  
11687 Bellagio Rd., West Los Angeles 49, Cal. (1 well, Los Angeles County.)
- \*BEYL, FREDERICK C. AND E. G. CURTIS** (Partnership),  
11687 Bellagio Rd., West Los Angeles 49, Cal. (1 well, Orange County.)
- \*BIG 4 OIL COMPANY,**  
3090 California Ave., Long Beach 7, Cal. (3 wells, Los Angeles County.)
- \*BIG TEN OIL COMPANY,**  
111 Sutter St., Rm. 1706, San Francisco 4, Cal. (14 wells, Kern County.)
- \*BILLINGS, A. W.,**  
Care E. Cetto, 433 S. Spring St., Rm. 619, Los Angeles 13, Cal. (7 wells, Orange County.)
- \*BINNS-HARRIS OIL COMPANY** (Partnership),  
Box 1265, Bakersfield, Cal. (1 well, Los Angeles County.)
- \*BIRCH OIL COMPANY** (Copartnership),  
Box 127, Brea, Cal. (18 wells, Orange County.)
- \*BIRCH RANCH AND OIL COMPANY**  
427 W. Fifth St., Los Angeles 13, Cal. (3 wells, Kern County.)
- \*BISHOP, BRADFORD,**  
920 Oliver St., South Pasadena, Cal. (11 wells, Kern County.)
- \*BISHOP OIL COMPANY,**  
315 Montgomery St., San Francisco 4, Cal. (154 wells, Kern County; 17 wells, Los Angeles County; 6 wells, Orange County; 8 wells, Santa Barbara County; 14 wells, Santa Barbara County; total wells, 199.)
- BISZANTZ, HELEN K.,**  
2330 Roanoke Rd., San Marino, Cal. (Well, Kern County, transferred to Ross O. Nelson, April 27, 1950.)
- \*BLACK, CHARLES E.,**  
814 14th St., Huntington Beach, Cal. (1 well, Orange County.)
- \*BLAKE & FRAMPTON,**  
520 N. Friends Ave., Whittier, Cal. (3 wells, Orange County.)
- BLANCK, E. L.,**  
Box 789, Maricopa, Cal. (Wells, Kern County, idle.)
- \*BLANCK, JOSEPHINE M.,**  
Box 789, Maricopa, Cal. (1 well, Kern County.)
- \*BLOCK OIL COMPANY** (Sam Block, operating as),  
120 N. Doheny Dr., Beverly Hills, Cal. (22 wells, Los Angeles County.)
- \*BOLSA CHICA EXPLORATION COMPANY,**  
1847 17th St., Huntington Beach, Cal. (1 well, Los Angeles County; well, Orange County, idle.)
- \*BOLSA CHICA OIL CORPORATION,**  
612 S. Flower St., Rm. 732, Los Angeles 17, Cal. (2 wells, Santa Barbara County; 12 wells, Ventura County.)
- BOLSA CHICA OIL CORPORATION AND FRED MANNING** (Partnership),  
612 S. Flower St., Rm. 732, Los Angeles 17, Cal. (Well, Los Angeles County, abandoned.)
- \*BOLTON, O. L., COMPANY** (Limited Partnership),  
Box 324, Huntington Beach, Cal. (17 wells, Orange County.)
- \*BOND PETROLEUM CORPORATION,**  
424 S. Beverly Dr., Beverly Hills, Cal. (3 wells, Los Angeles County.)
- \*BOONE-FOWLER & COMPANY** (Partnership),  
2450 Orange Ave., Long Beach 6, Cal. (1 well, Los Angeles County.)
- BOSWELL, FOX M.,**  
1901 E. Wardlow Rd., Long Beach 7, Cal. (Well, Los Angeles County, transferred to Boswell Perforating Co., February 10, 1950; well, Orange County, idle.)
- BOSWELL, FOX M., AND ASSOCIATES** (Partnership),  
1901 E. Wardlow Rd., Long Beach 7, Cal. (Well, Los Angeles County, abandoned.)
- \*BOSWELL PERFORATING COMPANY** (Partnership),  
1901 E. Wardlow Rd., Long Beach 7, Cal. (4 wells, Los Angeles County.)
- \*BOSWELL PETROLEUM COMPANY,**  
1901 E. Wardlow Rd., Long Beach 7, Cal. (3 wells, Los Angeles County; 3 wells, Orange County.)
- \*BOYVEY & DRAPER** (Harold O. Boyvey and W. E. Draper, operating as),  
621 Main St., Huntington Beach, Cal. (1 well, Orange County.)
- \*BRADFORD, A. H.,**  
555 S. Flower St., Los Angeles 17, Cal. (6 wells, Orange County.)
- \*BRADFORD BROS., INC.,**  
555 S. Flower St., Rm. 802, Los Angeles 17, Cal. (2 wells, Orange County.)

- \*BRADFORD OIL COMPANY** (Mrs. Ina Bradford, operating as),  
Care Gale O. Myers, 712 Knotts St.,  
Bakersfield, Cal. (7 wells, Kern  
County.)
- \*BRADLEY, W. W.** (Mabel H. Bradley  
and W. W. Bradley, operating as),  
5104 Livingston Dr., Long Beach 3, Cal.  
(1 well, Orange County.)
- \*BRAIN-COOPER AND ASSOCIATES,**  
Box 546, Wilmington, Cal. (5 wells, Los  
Angeles County.)
- \*BRAIN-COOPER, INC.,**  
Box 546, Wilmington, Cal. (5 wells, Los  
Angeles County.)
- BRANCH, T. W.,**  
417 S. Hill St., Rm. 1012, Los Angeles  
13, Cal. (Well, Los Angeles County,  
abandoned.)
- BRANDT, ROBERT JAY,**  
6618 Santa Monica Blvd., Los Angeles  
38, Cal. (Well, Los Angeles County,  
idle.)
- BRASHEARS, JOHN W.,**  
511 Fairy Lane, Rt. 2, Box 181, Fon-  
tana, Cal.
- BRAYTON, JACK,**  
Care Wm. H. Brayton, 620 Jergins  
Trust Bldg., Long Beach 2, Cal.  
(Well, Orange County, idle.)
- \*BRAYTON-PHILLIPS CORPORA-  
TION,**  
2755 Dawson Ave., Long Beach 6, Cal.  
(1 well, Los Angeles County.)
- \*BRAYTON, WILLIAM,**  
620 Jergins Trust Bldg., Long Beach 2,  
Cal. (4 wells, Orange County.)
- \*BRAYTON, WILLIAM H.,**  
620 Jergins Trust Bldg., Long Beach 2,  
Cal. (1 well, Los Angeles County.)
- \*BRAZOS OIL AND GAS COMPANY,**  
7th Floor, City National Bank Bldg.,  
Houston 2, Tex. California address:  
Box 547, Isleton, Cal. (22 gas wells,  
Sacramento County.)
- \*BREA-CANON OIL COMPANY,**  
Rt. 1, Box 463, Fullerton, Cal. (44 wells,  
Orange County.)
- \*BRECKENRIDGE, B. B.,**  
6218 Teesdale, North Hollywood, Cal.  
(3 wells, Los Angeles County.)
- \*BREEN, E. M.,**  
201 S. Lucerne Blvd., Los Angeles 4,  
Cal. (1 well, Los Angeles County.)
- \*BREIG, CARL B.,**  
4866 Toland Way, Los Angeles 42, Cal.  
(6 wells, Los Angeles County.)
- \*BRIGHT, ROSE L.,**  
Care W. L. Kumler, 523 W. Sixth St.,  
Los Angeles 14, Cal. (Well, Kern  
County, transferred to B-K-S Oil Co.,  
June 1, 1950.)
- \*BRIGHT, ROSE L., & WILLIAM L.  
KUMLER (Co-owners),**  
523 W. Sixth St., Los Angeles 14, Cal.  
(1 well, Orange County.)
- \*BRIGHTON PETROLEUM CORPORA-  
TION,**  
811 W. Seventh St., Los Angeles 14, Cal.  
(1 well, Los Angeles County.)
- \*BRITISH-AMERICAN OIL PRODUC-  
ING COMPANY, THE,**  
530 W. Sixth St., Rm. 1224, Los Angeles  
14, Cal. (5 wells, Los Angeles County;  
16 wells, Ventura County; well, Santa  
Cruz County, abandoned.)
- \*BRITISH-AMERICAN OIL PRODUC-  
ING COMPANY, THE, AND CAP-  
ITAL COMPANY,**  
530 W. Sixth St., Rm. 1224, Los Angeles  
14, Cal. (39 wells, Kern County.)
- \*BROOKLINE OIL COMPANY,**  
210 W. Seventh St., Rm. 431, Los An-  
geles 14, Cal. (4 wells, Los Angeles  
County.)
- \*BROOKS, A. W., PRODUCTION (A. W.  
Brooks, operating as),**  
2954 Cherry Ave., Long Beach 6, Cal.  
(4 wells, Los Angeles County.)
- \*BROOKS, E. S.,**  
2954 Cherry Ave., Long Beach 6, Cal.  
(1 well, Los Angeles County.)
- \*BROOKS, J. B.,**  
152 Wilfred, Santa Rosa, Cal. (1 well,  
Sonoma County.)
- BROOKS, S. M.,**  
3291 Cherry Ave., Long Beach 5, Cal.
- \*BROWN, A. GLASSELL, AND ETH-  
LYN SIDFORD BROWN,**  
14600 Inglewood Ave., Lawndale, Cal.  
(1 well, Los Angeles County.)
- \*BROWN, D. L.,**  
5259 E. Ocean Blvd., Long Beach 3, Cal.  
(3 wells, Los Angeles County; 3 wells,  
Orange County.)
- BROWN, HENRY,**  
2154 E. South St., Long Beach 5, Cal.  
(Wells, Santa Barbara County,  
transferred to Chas. Munding &  
Clarence Munding, January 1, 1950.)
- \*BROWN, MERRILL J., OPERATOR,**  
208½ Woodrow Ave., Oildale, Cal. (2  
wells, Kern County.)
- \*BROWN, R. ALLEN,**  
Care John L. Rowe, 215 W. Seventh  
St., Rm. 531, Los Angeles 14, Cal.  
(1 well, Los Angeles County.)
- \*BROWN, R. ALLEN, JR.,**  
Care John L. Rowe, 215 W. Seventh  
St., Los Angeles 14, Cal. (1 well, Los  
Angeles County.)
- \*BROWNSON DRILLING COMPANY,**  
848 E. Willow, Long Beach 6, Cal.  
(Well, Los Angeles County, trans-  
ferred to Sea View Oil Co., Septem-  
ber 1, 1950.)
- \*BUCKEY UNION OIL COMPANY,**  
6363 Wilshire Blvd., Suite 509, Los An-  
geles 48, Cal. (3 wells, Los Angeles  
County.)
- \*BUERKLE, E. G.,**  
5015 Redbank Rd., Bakersfield, Cal.  
(Well, Kern County, transferred to  
DeLosse Poe, December 13, 1950.)

- \*BUFFALO OIL COMPANY,**  
1741 E. Wardlow Rd., Long Beach 7,  
Cal. (2 wells, Los Angeles County.)
- \*BURGDORFF, F.,**  
Care E. H. Lomas, 20 Pueblo Vista Rd.,  
Santa Barbara, Cal. (Well, Santa  
Barbara County, transferred to Wes-  
co Oil Co., November 9, 1950.)
- BURKETT, F. A.,**  
Box 324, Huntington Beach, Cal.
- BURKETT, F. A., & J. C. ISBELL,**  
Box 324, Huntington Beach, Cal.
- \*BURNS OIL COMPANY (Partnership),**  
5001 S. Boyle Ave., Los Angeles 11, Cal.  
(Well, Los Angeles County, trans-  
ferred to C & D Oil Co., October 11,  
1950.)
- \*BUSH, I. M., ESTATE OF (R. E. Allen,  
Trustee),**  
229 N. Broadway, Los Angeles 12, Cal.  
(1 well, Los Angeles County.)
- \*BUSH, W. W.,**  
2166 Magnolia Ave., Long Beach 6, Cal.  
(3 wells, Los Angeles County.)
- BUTLER BROTHERS OIL COMPANY  
(Partnership),**  
Box 265, Oildale, Cal. (Wells, Kern  
County, idle.)
- BUTLER, JESSE M.,**  
433 MacClay St., San Fernando, Cal.  
(Well, Los Angeles County, trans-  
ferred to C. M. Rood, January 24,  
1950.)
- \*BUTTES OILFIELDS, INC., THE,**  
912 Syndicate Bldg., Oakland, Cal. (7  
gas wells, Sutter County; gas wells,  
Tehama County, idle.)
- \*C. & C. EXPLORATION COMPANY  
(Joint Venture),**  
615 E. Willow St., Long Beach 6, Cal.  
(1 well, Los Angeles County.)
- C AND C OIL COMPANY (Copartner-  
ship),**  
4733 Keniston Ave., Los Angeles 43,  
Cal. (Well, Santa Barbara County,  
abandoned.)
- \*C & D OIL COMPANY (Partnership),**  
1206 Lagoon Ave., Wilmington, Cal. (1  
well, Los Angeles County.)
- \*C & F OIL COMPANY (Limited Part-  
nership),**  
Care George W. Conn, 2400 Terry Way,  
Covina, Cal. (1 well, Los Angeles  
County.)
- \*C. J. COMPANY,**  
111 Sutter St., Rm. 1706, San Francisco  
4, Cal. (42 wells, Kern County.)
- C. M. S. OIL AND DRILLING COM-  
PANY (Copartnership),**  
950 Avalon Blvd., Wilmington, Cal.  
(Well, Los Angeles County, aban-  
doned.)
- \*C. M. T. PRODUCING CO., INC.,**  
275 S. Beverly Dr., Beverly Hills, Cal.  
(4 wells, Ventura County.)
- \*C. & R. OIL COMPANY (Partnership),**  
3905 Ocean Front Ave., Venice, Cal.  
(10 wells, Los Angeles County.)
- C. S. OIL COMPANY (Partnership),**  
304 E. Wardlow Rd., Long Beach 7,  
Cal.
- \*CABRILLO OIL CORPORATION, LTD.,**  
Box 292, Bakersfield, Cal. (19 wells,  
Kern County.)
- CACHE OIL COMPANY (Partnership),**  
744 Loma Ave., Long Beach 4, Cal.
- \*CADILLAC OIL COMPANY,**  
Box 350, 267 S. Thomas St., Pomona,  
Cal. (10 wells, Orange County.)
- CAGNEY, JAMES,**  
Care Newlin, Holley, Sandmeyer &  
Tackabury, 1020 Edison Bldg., Los  
Angeles 17, Cal. (Wells, Orange  
County, idle.)
- \*CALCRUDE PETROLEUM COMPANY  
(Charles A. Keller, Jr., operating as),**  
Box L, Taft, Cal. (6 wells, Kern  
County.)
- \*CALIFORNIA COMMERCIAL DRILL-  
ING COMPANY,**  
714 W. Olympic Blvd., Los Angeles 15,  
Cal. (13 wells, Kern County.)
- \*CALIFORNIA EXPLORATION COM-  
PANY (Partnership),**  
2323 Orange St., Alhambra, Cal. (5  
wells, Kern County; 9 wells, Orange  
County.)
- \*CALIFORNIA EXPLORATION COM-  
PANY AND MACMILLAN PETRO-  
LEUM CORPORATION (Partnership),**  
2323 Orange St., Alhambra, Cal. (1 well,  
Kern County.)
- CALIFORNIA MEDAL PRODUCTS  
COMPANY, INC.,**  
6912 Hollywood Blvd., Hollywood 28,  
Cal.
- \*CALIFORNIA SOUTHERN OIL COM-  
PANY,**  
Box 566, Torrance, Cal. (12 wells, Los  
Angeles County.)
- \*CALLAHAN, C. B.,**  
938 S. Lake, Los Angeles 6, Cal. (1 well,  
Los Angeles County.)
- \*CALMONT OIL COMPANY,**  
5255 Wardlow Rd., Long Beach 8, Cal.  
(1 well, Los Angeles County.)
- CALNEV INVESTMENT  
CORPORATION,**  
311 S. Vermont Ave., Los Angeles 5,  
Cal. (Well, San Bernardino County,  
transferred to Ohro Oil Co., March  
17, 1950.)
- CAL NEVADA OIL COMPANY,**  
103 Fremont St., Las Vegas, Nev.
- \*CALSTAR PETROLEUM COMPANY,**  
6253 Hollywood Blvd., Rm. 802, Los An-  
geles 28, Cal. (3 wells, Los Angeles  
County.)
- \*CALUMET OIL COMPANY,**  
517 I. W. Hellman Bldg., Los Angeles  
13, Cal. (Wells Ventura County,  
transferred to Fullerton Oil Co., May  
22, 1950.)

- \*CAL-VALLEY OIL COMPANY** (Partnership; W. G. Bradford, Limited Partner),  
Box 605, Brentwood, Cal. (6 wells, Kings County.)
- \*CAMDEN OIL COMPANY,**  
Box 124, North Hollywood, Cal. (1 well, Los Angeles County.)
- CAMERON, A. A.,**  
921 Westwood Blvd., Los Angeles 24, Cal. (Well, Santa Barbara County, abandoned.)
- CAMERON, GEORGE T.,**  
Care The Chronicle, Fifth and Mission Streets, San Francisco 3, Cal. (Well, Solano County, abandoned.)
- \*CAMERON, L. H.,**  
5536 Satsuma Ave., North Hollywood, Cal. (1 well, San Bernardino County; well, Santa Barbara County, abandoned.)
- \*CAMP, CHAS. W.,**  
323 Ocean Center Bldg., Long Beach 2, Cal. (1 well, Los Angeles County; 18 wells, Orange County.)
- \*CAMPBELL, ALEX N., (Operator),**  
639 N. June St., Los Angeles 4, Cal. (Well, Los Angeles County, transferred to K. H. Day, June 1, 1950.)
- \*CAMPBELL, E. B., COMPANY** (Not incorporated),  
Box 708, Long Beach 1, Cal. (2 wells, Los Angeles County.)
- \*CAMPBELL AND SHELL** (Partnership),  
1241 E. Burnett St., Long Beach 6, Cal. (7 wells, Kern County.)
- \*CAMPBELL-SHELL & COLLINS** (Partnership),  
510 W. Sixth St., Rm. 223, Los Angeles 14, Cal. (1 well, Kern County.)
- CANN, FRANK C.,**  
3508 Atlantic Ave., Long Beach 7, Cal.
- CANNELLA, FRANK, AND THOMAS CANNELLA,**  
Box 476, Terra Bella, Cal. (Well, Tulare County, abandoned.)
- CANOCA OIL COMPANY,**  
7658 Jordan Ave., Canoga Park, Cal.
- \*CANYON OIL CORPORATION,**  
Box 638, Newhall, Cal. (2 wells, Ventura County.)
- \*CAPITAL COMPANY,**  
1 Powell St., San Francisco 2, Cal. (Gas wells, Glenn County, idle; 5 wells, Kern County; 7 wells, Santa Barbara County.)
- \*CARAVAN OIL COMPANY,**  
2700 Cherry Ave., Long Beach 7, Cal. (1 well, Los Angeles County.)
- \*CARDOX CORPORATION,**  
151 N. Avenue 19, Los Angeles 31, Cal. (50 carbon dioxide gas wells, Imperial County.)
- \*CARDOX WESTERN, INC.,**  
151 N. Avenue 19, Los Angeles 31, Cal. (Wells, Imperial County, transferred to Cardox Corp., December 1, 1950.)
- \*CARNEROS OIL COMPANY** (Partnership),  
Box 1664, Bakersfield, Cal. (2 wells, Kern County.)
- \*CARREC OIL COMPANY,**  
2011 18th St., Rm. 9, Bakersfield, Cal. (23 wells, Kern County.)
- CARRILLO EXPLORATION COMPANY,**  
Box 9685, Station S, Los Angeles 5, Cal.
- CARRIZO PETROLEUM COMPANY** (Individual),  
Care of James C. Brown, 2971 W. Eighth St., Los Angeles 5, Cal.
- \*CARROLL, FRANK D., AND MADE-LINE S. SCHOFF** (Partnership),  
Care Raymond A. Frug, 6777 Hollywood Blvd., Hollywood 28, Cal. (4 wells, Santa Barbara County.)
- \*CARTAN, HENRY,**  
58 Sutter St., San Francisco 4, Cal. (1 well, Orange County.)
- CARTER, EVANS & ASSOCIATES** (Copartnership),  
Rt. 2, Box 578, Ojai, Cal. (Well, Santa Barbara County, abandoned.)
- CARTER, W. J.,**  
724 E. Sixth St., Long Beach, Cal. (Well, Santa Barbara County, abandoned.)
- \*CASH OIL COMPANY NO. 1, LTD.,**  
635 E. Wardlow Rd., Long Beach 7, Cal. (1 well, Los Angeles County.)
- \*CASS, QUINCY, ASSOCIATES,**  
523 W. Sixth St., Los Angeles 14, Cal. (2 wells, Santa Barbara County.)
- \*CATES, MARY B., SPECIAL,**  
530 W. Sixth St., Rm. 1121, Los Angeles 14, Cal. (7 wells, Kern County.)
- \*CATHER, J. D.,**  
2292 American Ave., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*CATHER, J. D., & JOHN E. CATHER,**  
2292 American Ave., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*CATHER, JOHN E., AND MRS. LEE B. MADDOX** (Joint Venture),  
2292 American Ave., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*CENTRALIA OIL COMPANY,**  
326 N. Camden Dr., Beverly Hills, Cal. (1 well, Orange County.)
- \*CENTURY OIL COMPANY,**  
1841 E. 29th St., Long Beach 7, Cal. (24 wells, Los Angeles County.)
- \*CHANSLOP-CANFIELD MIDWAY OIL COMPANY,**  
4549 Produce Plaza West, Los Angeles 11, Cal. (661 wells, Kern County; 53 wells, Los Angeles County; 91 wells, Orange County; 11 wells, San Luis Obispo County; 103 wells, Ventura County; total wells, 919.)
- CHASE, G. S.,**  
Rt. 3, Box 646, Ojai, Cal.
- CHASE, J. W. & G. S. (Partnership),**  
Box 1272, Oxnard, Cal. (Well, Ventura County, transferred to Chase Production Co., May 20, 1950.)

- \*CHASE PRODUCTION COMPANY**  
(Partnership: Glywn S. Chase, J. Warren Chase, and Ralph Edgington, operating as),  
Box 989, Oxnard, Cal. (2 wells, Ventura County.)
- \*CHERRY, GUY H., JR.,**  
1987 Braeburn Rd., Altadena, Cal.  
(Well, Kern County, transferred to Atlantic Oil Co., June 19, 1950; well, Santa Barbara County, idle.)
- \*CHERRY, G. H., OIL COMPANY,**  
Box 168 Paramount, Cal. (4 wells, Santa Barbara County.)
- \*CHESTER OIL COMPANY,**  
3505 Pierce Rd., Bakersfield, Cal.  
(Wells, Kern County, transferred to Churchill Oil Co., October 11, 1950.)
- \*CHICO MARTINEZ OIL COMPANY**  
(Partnership.)  
4421 Bend Ave., Fresno, Cal. (Wells, Kern County, transferred to L. & J. Oil Co., June 15, 1950.)
- CHOWCHILLA GAS COMPANY,**  
111 Sutter St., Rm. 1012, San Francisco 4, Cal. (Wells, Madera County, transferred to Los Nietos Co., October 26, 1950.)
- \*CHRISTIANSEN, FRED,**  
Box 782, Maricopa, Cal. (Wells, Kern County, transferred to Hugh M. Allen, April 1, 1950.)
- \*CHURCHILL OIL COMPANY (J. F. Churchill, operating as),**  
107 Santa Rosa Ave., Sausalito, Cal. (2 wells, Kern County.)
- \*CIERVO OIL CORPORATION,**  
634 S. Spring St., Los Angeles 14, Cal. (1 well, San Benito County.)
- \*CLAMPITT, E. A., COMPANY (Not incorporated),**  
1037 N. Alameda St., Los Angeles 12, Cal. (25 wells, Los Angeles County.)
- CLAMPITT, E. A., OIL COMPANY OF OILDALE, LEAH C. SEWELL & BARBARA C. JONES,**  
(Name changed to E. A. Clampitt Oil Co. of Oildale January 1, 1950.)
- \*CLAMPITT, E. A., OIL COMPANY OF OILDALE (Partnership),**  
(Name changed from E. A. Clampitt Oil Co., of Oildale, Leah C. Sewell & Barbara C. Jones, effective January 1, 1950.)  
Box 37, Oildale, Cal. (30 wells, Kern County.)
- \*CLAREMONT OIL COMPANY,**  
617 W. Seventh St., Los Angeles 17, Cal. (9 wells, Fresno County.)
- CLAYTON, LEE,**  
411 Fourth St., Taft, Cal. (Wells, Kern County, abandoned.)
- \*CLEAR VIEW OIL COMPANY,**  
2907 E. Seventh St., Long Beach 4, Cal. (2 wells, Orange County.)
- \*CLEVELAND OIL COMPANY,**  
417 S. Hill St., Rm. 509, Los Angeles 13, Cal. (8 wells, Kern County; 23 wells, Los Angeles County; 5 wells, Ventura County.)
- COALINGA HOMESTAKE OIL COMPANY, THE,**  
Box 626, Coalinga, Cal. (Wells, Fresno County, transferred to R. Glenn Fisher, June 12, 1950.)
- \*COAST EXPLORATION COMPANY,**  
612 S. Flower St., Rm. 370, Los Angeles 14, Cal. (2 wells, Fresno County; 2 wells, Kern County.)
- \*COAST EXPLORATION COMPANY-GIBSON (Partnership),**  
612 S. Flower St., Rm. 370, Los Angeles 17, Cal. (Well, Fresno County, transferred to Coast-Gibson Oil Operations, July 1, 1950.)
- \*COAST EXPLORATION COMPANY & VON GLAHN OIL CO., INC. (Partnership),**  
612 S. Flower St., Rm. 370, Los Angeles 17, Cal. (2 wells, Fresno County.)
- \*COAST-GIBSON OIL OPERATIONS (Copartnership),**  
612 S. Flower St., Rm. 370, Los Angeles 17, Cal. (1 well, Fresno County.)
- \*COAST SUPPLY COMPANY, LTD. (TRUST),**  
2941 Cherry Ave., Long Beach 7, Cal. (25 wells, Los Angeles County; 5 wells, Orange County.)
- \*COAST VIEW OIL COMPANY,**  
2907 E. Seventh St., Long Beach 4, Cal. (1 well, Los Angeles County.)
- \*COASTAL OIL COMPANY,**  
845 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- COASTAL OIL & GAS COMPANY,**  
845 E. Willow St., Long Beach 6, Cal. (Well, Los Angeles County, idle.)
- \*COASTAL STATES OIL COMPANY,**  
845 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*COATES, SPENCER D.,**  
Route 1, Box 183, Huntington Beach, Cal. (1 well, Los Angeles County.)
- \*COCKRIEL & SPELTS PETROLEUM (B. E. Cockriel and J. O. Spelts, operating as),**  
845 E. Willow St., Long Beach 6, Cal. (7 wells, Los Angeles County.)
- \*COE, ARTHUR F., AND ELSIE C. FABRICK,**  
1332 W. Fifth St., Los Angeles 13, Cal. (1 well, Los Angeles County.)
- COFFEE, LEORA S.,**  
Box 614, Costa Mesa, Cal. (Well, Orange County, idle.)
- \*COLE AND BROOKS,**  
917 I. N. Van Nuys Bldg., Los Angeles 14, Cal. (1 well, Los Angeles County.)
- \*COLE, FRED E.,**  
Rt. 2, Box 302, Santa Maria, Cal. (7 wells, Santa Barbara County.)
- COLE, W.J.,**  
Box 295, Balboa Island, Cal. (Wells, Los Angeles and Orange Counties, idle.)

- \*COLGROVE, C. W.,**  
6305 Yucca St., Hollywood 28, Cal. (8 wells, San Luis Obispo County; wells, Fresno County, transferred to Coast Exploration Co., July 1, 1950; well, Orange County, transferred to Jack Brayton, September 15, 1950; well, Ventura County, abandoned.)
- \*COLLINGE, O. F.,**  
811 W. Seventh St., Los Angeles 14, Cal. (2 wells, Los Angeles County.)
- \*COLORADO OIL COMPANY,**  
2266 Chislehurst Dr., Los Angeles 27, Cal. (17 wells, Los Angeles County.)
- \*COMANCHE OIL COMPANY**  
(Partnership),  
361 N. Cannon Dr., Beverly Hills, Cal. (4 wells, Kern County.)
- \*COMCO OIL COMPANY (Partnership:**  
B. E. Cockriel and J. O. Speits, operating as),  
845 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*COMMANDER OIL COMPANY, LTD.,**  
4310 Beverly Blvd., Los Angeles 4, Cal. (7 wells, Ventura County.)
- \*COMMONWEALTH OIL COMPANY,**  
201 Van Buren St., Midway City, Cal. (1 well, Orange County.)
- \*CONCORD OIL COMPANY,**  
3075 Cherry Ave., Long Beach 7, Cal. (2 wells, Orange County.)
- \*CONFIDENCE OIL COMPANY, THE,**  
Box 286, Coalinga, Cal. (12 wells, Fresno County.)
- \*CONGRESS PETROLEUM COMPANY**  
(Partnership),  
168 Irvington St., Daly City, Cal. (1 well, Tulare County.)
- \*CONLON, JAMES M., COMPANY (Individual),**  
612 S. Flower St., Los Angeles 17, Cal. (4 wells, Fresno County.)
- \*CONRAY OIL COMPANY (Limited Partnership),**  
Care Fred Bryce, Bank of America Bldg., Fillmore, Cal. (1 well, Ventura County.)
- \*CONSOLIDATED PETROLEUM COMPANY,**  
326 N. Camden Drive, Beverly Hills, Cal. (1 well, Los Angeles County; well, Orange County, idle.)
- \*CONTINENTAL CONSOLIDATED CORPORATION,**  
1300 W. Seventh St., Long Beach 13, Cal. (67 wells, Los Angeles County.)
- \*CONTINENTAL CORPORATION,**  
1300 W. Seventh St., Long Beach 13, Cal. (27 wells, Los Angeles County.)
- CONTINENTAL EXPLORATION COMPANY (Joint Venture: T. J. Haddock, J. E. Haddock, and S. H. Woodruff),**  
520 W. Seventh St., Rm. 412, Los Angeles 14, Cal. (Wells, Los Angeles County, idle.)
- \*CONTINENTAL OIL COMPANY,**  
601 W. Fifth St., Los Angeles 13, Cal. (79 wells, Los Angeles County; 20 wells, Orange County; 104 wells, Ventura County; wells, Fresno, San Luis Obispo, and San Mateo Counties abandoned; well, Madera County, transferred to Los Nietos Co., October 11, 1950.)
- CONTRATTO OIL COMPANY (Partnership),**  
Care Oscar J. Contratto, 14826 S. Lime Ave., Compton, Cal. (Well, Los Angeles County, abandoned.)
- CONWAY, H. A.,**  
Hotel El Tejon, Bakersfield, Cal. (Well, Kern County, abandoned.)
- \*COOK, PETER, JR.,**  
2110 Mills Tower, San Francisco 4, Cal. (4 gas wells, Sacramento County; 3 gas wells, Solano County.)
- \*COONS, W. H.,**  
23499 Narbonne Ave., Torrance, Cal. (4 wells, Los Angeles County.)
- \*COOPER & BRAIN (J. Cooper & J. E. Brain, operating as),**  
Box 546, Wilmington, Cal. (4 wells, Los Angeles County.)
- \*COPA OIL COMPANY (Partnership:**  
Edward P. Thilgen and Joseph Faria, Jr.),  
Care Frank C. Allen, Box 425, Taft, Cal. (6 wells, Kern County.)
- \*COPLIN AND BENNIGSDORF OIL COMPANY (Partnership),**  
Box 324, Huntington Beach, Cal. (Wells, Orange County, transferred to Marilyn Oil Co., July 1, 1950.)
- \*COPLIN, D. D.,**  
602 Seventh St., Huntington Beach, Cal. (1 well, Orange County.)
- \*CORDES, WALTER J.,**  
2623 H St., Bakersfield, Cal. (23 wells, Kern County.)
- CORINTH PETROLEUM CORPORATION,**  
Care B. W. Kemper, 311 S. Vermont Ave., Los Angeles 5, Cal.
- CORNETT, BARNEY, AND ASSOCIATES (Partnership),**  
9447 E. Imperial Highway, Downey, Cal.
- \*CORPUS CHRISTI OIL COMPANY,**  
617 Truxtun Ave., Bakersfield, Cal. (1 well, Kern County.)
- CORWIN, W. T., T. W. McBEATH AND FRED DONLEY (Limited Partnership),**  
Care T. W. McBeath, Box 502, Newhall, Cal.
- \*COWLEY, RALPH E., DR., (Partnership: Robert C. Pershing and Ralph E. Cowley),**  
4750 S. Figueroa St., Los Angeles 37, Cal. (1 well, Ventura County.)
- COX, MACE A., D. D. DUNLAP AND DOROTHY DUNLAP (Partnership),**  
2499 Cerritos Ave., Long Beach 6, Cal. (Well, Fresno County, abandoned.)



- \*COX, WILBER J.**,  
610 Bank of America Bldg., Whittier,  
Cal. (10 wells, Los Angeles County.)
- \*CRABTREE, O. H.**,  
5941 Linden Ave., Long Beach 5, Cal.  
(10 wells, Los Angeles County.)
- \*CRABTREE, O. M., AND R. F. ZINGG**  
(Partnership),  
5941 Linden Ave., Long Beach 5, Cal.  
(1 well, Los Angeles County.)
- CRAWFORD AND COLE (C. C. Crawford and R. W. E. Cole, operating as)**,  
210 W. Seventh St., Suite 500, Los Angeles 14, Cal. (Well, Los Angeles County, idle.)
- CRAWFORD, H. J.**,  
1221 Washington Blvd., Venice, Cal.  
(Well, Los Angeles County, idle.)
- \*CRAWFORD AND HILES**,  
2790 Cherry Ave., Long Beach 6, Cal.  
(3 wells, Los Angeles County; 1 well, Santa Barbara County.)
- \*CREASEY, FRANK C.**,  
1713 Country Club Drive, Bakersfield,  
Cal. (5 wells, Kern County.)
- \*CREE, WM. H., - CANNON LEASE**,  
1216 Security Bldg., Long Beach 2, Cal.  
(9 wells, Los Angeles County.)
- CREE, WM. H., - DOYLE-CLUNE LEASE**,  
1216 Security Bldg., Long Beach 2, Cal.  
(Wells, Los Angeles County, transferred to Crown & Cree Oil Co., May 25, 1950.)
- \*CRESCENT PETROLEUM COMPANY**,  
Box 508, Maricopa, Cal. (32 wells, Kern County.)
- CREST OIL COMPANY**,  
Enloe Bldg., Suite 618-20, Long Beach 2, Cal. (2 wells, Los Angeles County, idle.)
- \*CRESTMONT OIL COMPANY**,  
417 S. Hill St., Rm. 674, Los Angeles 13, Cal. (92 wells, Kern County; 9 wells, Ventura County.)
- \*CREVOLIN, ANDREW J., OIL COMPANY (Andrew J. Crevolin, operating as)**,  
1543 W. Main St., Alhambra, Cal. (1 well, Los Angeles County.)
- CRIST, J. GLEN, AND JULIET H. CRIST (Individual)**,  
Padre Hotel, Bakersfield, Cal. (Well, Tulare County, abandoned.)
- \*CROWN & CREE OIL COMPANY (Co-partnership)**,  
1216 Security Bldg., Long Beach 2, Cal.  
(2 wells, Los Angeles County.)
- \*CROWN OIL COMPANY**,  
6363 Wilshire Blvd., Suite 509, Los Angeles 48, Cal. (Well, Los Angeles County, idle; 9 wells, Santa Barbara County.)
- \*CROWN PETROLEUM COMPANY (Not incorporated)**,  
Box 546, Wilmington, Cal. (5 wells, Los Angeles County.)
- \*CRUISEND OIL COMPANY (George Milligan & Stuart D. Truesdell, operating as)**,  
3516 Atlantic Ave., Long Beach 7, Cal.  
(3 wells, Kern County.)
- \*CUNNINGHAM, C. D., & PAUL STOCK**,  
555 E. Willow St., Long Beach, Cal. (1 well, Ventura County.)
- \*CUNNINGHAM, C. D., AND TRANS-CAL DRILLING COMPANY (Partnership)**,  
9005 Wilshire Blvd., Beverly Hills, Cal.  
(4 wells, Los Angeles County.)
- \*CUNNINGHAM, VERNON AND ASSOCIATES (Partnership)**,  
2785 Cherry Ave., Long Beach 6, Cal.  
(Well, Los Angeles County, transferred to McBo Oil Co., June 1, 1950.)
- CUNNINGHAM, VERNON, AND CO. (Joint Venture)**,  
2785 Cherry Ave., Long Beach 6, Cal.  
(Well, Los Angeles County, idle.)
- \*CURTIN, EMMA J., ESTATE OF (Leon B. Valla, Executor)**,  
514 N. Sycamore St., Santa Ana, Cal.  
(2 wells, Los Angeles County.)
- \*CURTIS, E. G.**,  
121 Avenue 34, Venice, Cal. (4 wells, Los Angeles County.)
- \*D & D OIL COMPANY (Partnership: W. E. David and C. C. Douglass, operating as)**,  
231 21st St., Bakersfield, Cal. (28 wells, Kern County.)
- D. J. R. OIL COMPANY (Partnership)**,  
Olive and Riverside Drive, Burbank, Cal.
- D. K. ASSOCIATES No. 3 (Partnership)**,  
111 W. Seventh St., Los Angeles 14, Cal.  
(Well, Kern County, abandoned.)
- \*D. K. PARTNERSHIP (Partnership)**,  
(Name changed from D. K. Associates, effective December 11, 1950.)  
111 W. Seventh St., Suite 1125, Los Angeles 14, Cal. (3 wells, Kern County.)
- \*D. K. PARTNERSHIP No. 2 (Partnership)**,  
(Name changed from D. K. Associates—2, effective December 11, 1950.)  
111 W. Seventh St., Suite 1125, Los Angeles 14, Cal. (2 wells, Kern County.)
- D. & M. PETROLEUM COMPANY (Partnership)**,  
370 E. 37th St., Long Beach 7, Cal.  
(Wells, Orange County, idle.)
- \*DABNEY, LOUISE E., ESTATE OF, DECEASED (Milton H. Philleo, Executor)**,  
620 W. Olympic Blvd., Los Angeles 15, Cal. (29 wells, Los Angeles County; 2 wells, Orange County.)
- \*DACUS-SPRINGER OIL CO. (Partnership)**,  
2180 Pacific Ave., Long Beach, Cal. (5 wells, Kern County.)
- DAVID, V. W., OIL COMPANY (Partnership)**,  
2 Minor St., Bakersfield, Cal.



- DAVIDSON, JAMES,**  
232 N. Crescent Drive, Beverly Hills,  
Cal. (Well, Los Angeles County,  
abandoned.)
- \*DAVIDSON OIL COMPANY** (Jas. Davidson and Robert J. Davidson, operating as),  
232 N. Crescent Drive, Beverly Hills,  
Cal. (1 well, Los Angeles County.)
- \*DAVIS, DAVIS & DAVIS,**  
Box 306, Huntington Beach, Cal. (1  
well, Orange County.)
- \*DAVIS, H. T.,**  
2152 W. 235th St., Torrance, Cal. (1  
well, Los Angeles County.)
- \*DAVIS INVESTMENT COMPANY,**  
555 S. Flower St., Los Angeles 17, Cal.  
(16 wells, Los Angeles County.)
- \*DAVIS, LEE S.,**  
153 N. Saltair St., West Los Angeles  
24, Cal. (4 wells, Los Angeles County.)
- \*DAWOOD COMPANY,**  
307 W. Eighth St., Los Angeles 14, Cal.  
(1 well, Orange County.)
- \*DAWSON OIL COMPANY,**  
398 Wisconsin Ave., Long Beach 14,  
Cal. (1 well, Los Angeles County.)
- \*DAY, K. H.,**  
Box 491, Torrance, Cal. (13 wells, Los  
Angeles County.)
- DE COURCY, WALTER,**  
544 Market St., San Francisco 4, Cal.
- DEGENER PETROLEUM CORPORATION,**  
315 Brower Bldg., Bakersfield, Cal.
- \*DeCAlB, S. R.,**  
350 N. Fruit Ave., Fresno, Cal. (13  
wells, Kern County.)
- DeKAlB, S. R., MRS.,**  
350 N. Fruit Ave., Fresno, Cal.
- \*DEL AMO ESTATE COMPANY,**  
325 W. Eighth St., Los Angeles 14, Cal.  
(49 wells, Los Angeles County.)
- \*DELANEY, FRED G.,**  
1114 S. Rimpau Blvd., Los Angeles 6,  
Cal. (1 well, Los Angeles County.)
- \*DELANEY PETROLEUM CORPORATION,**  
615 E. Willow St., Long Beach 6, Cal.  
(7 wells, Los Angeles County)
- \*DeLANTY, B. F.,**  
395 E. Montana St., Pasadena 6, Cal.  
(21 wells, Kern County.)
- \*DEL MAR OIL COMPANY** (Partnership),  
Box 482, Huntington Beach, Cal. (6  
wells, Orange County.)
- \*DEL REY OIL COMPANY,**  
9530 Brighton Way, Beverly Hills, Cal.  
(25 wells, Kern County.)
- \*DES MOINES OIL COMPANY** (Limited  
Partnership: Owen Meredith & Meredith  
Publishing Company, operating  
as),  
612 S. Flower St., Los Angeles 14, Cal.  
(10 wells, Kern County; 1 well, Los  
Angeles County.)
- \*DE SOTO OIL COMPANY,**  
3508 Atlantic Ave., Long Beach 7, Cal.  
(1 well, Los Angeles County.)
- \*DIANA OIL COMPANY** (Joint Venture),  
Care C. W. McMullen, 3032 Cherry Ave.,  
Long Beach 7, Cal. (2 wells, Orange  
County, transferred to Sam Raizen  
and 1 well to Roy J. Berryhill and  
Deane Newenham, August 1, 1950.)
- \*DICK & DORÉ OIL COMPANY** (W. T.  
Dick and C. A. Doré, operating as),  
201 Sill Bldg., Bakersfield, Cal. (32  
wells, Kern County.)
- \*DICKEY, H. C.,**  
Rt. 1, Box 162, Bakersfield, Cal. (18  
wells, Kern County.)
- \*DI GIORGIO FRUIT CORPORATION,**  
433 California St., San Francisco 4, Cal.  
(1 well, Kern County.)
- \*DIRECTORS OIL COMPANY,**  
756 S. Broadway, Rm. 518, Los Angeles  
14, Cal. (10 wells, Kern County.)
- \*DISTRICT OIL CORPORATION,**  
424 S. Beverly Dr., Beverly Hills, Cal.  
(1 well, Los Angeles County.)
- \*DOC OIL COMPANY,**  
Box 416, Santa Fe Springs, Cal. (3  
wells, Los Angeles County.)
- \*DODGE, L. H.,**  
Box 189, Huntington Beach, Cal. (1  
well, Orange County.)
- \*DOE, ROBERT B.,**  
Rt. 1, 123 E. Norris Rd., Bakersfield,  
Cal. (1 well, Kern County.)
- DOHENY-BATTSON-LYTTLE** (Partnership),  
714 W. Olympic Blvd., Los Angeles 15,  
Cal. (Well, Los Angeles County,  
abandoned.)
- DOHENY, PATRICK A.,**  
714 W. Olympic Blvd., Los Angeles 15,  
Cal.
- \*DOHERTY, R. E.,**  
714 N. Guadalupe Ave., Redondo Beach,  
Cal. (1 well, Los Angeles County.)
- \*DOLICIA OIL COMPANY** (Partnership),  
1241 E. Burnett St., Long Beach 6, Cal.  
(1 well, Orange County.)
- \*DOLLEY, CHESTER F.,**  
523 W. Sixth St., Rm. 810, Los Angeles  
14, Cal. (9 wells, Los Angeles  
County.)
- \*DOLLEY, ERNEST L.,**  
523 W. Sixth St., Rm. 810, Los Angeles  
14, Cal. (1 well, Los Angeles County.)
- \*DOLLEY AND LONG** (Chester F. Dolley and Emmet S. Long, operating as),  
523 W. Sixth St., Rm. 810, Los Angeles  
14, Cal. (5 wells, Los Angeles  
County.)
- \*DOLLEY, MORTON AND DOLLEY**  
(Copartnership),  
523 W. Sixth St., Los Angeles 14, Cal.  
(8 wells, Kern County.)

- \*DORMAX OIL COMPANY,**  
502 Jergins Trust Bldg., Long Beach 2,  
Cal. (2 wells, Los Angeles County.)
- DORN, ELLA CHISHOLM,**  
68530 Broadway, Cathedral City, Cal.  
(Well, Riverside County, abandoned.)
- \*DOUGAN, L. C.,**  
Box 613, Oildale, Cal. (5 wells, Kern  
County.)
- \*DOUGAN OIL COMPANY (Not incor-  
porated),**  
Box 613, Oildale, Cal. (2 wells, Kern  
County.)
- \*DOUGLAS, C. B., & MARY DOUGLAS  
(Partnership),**  
414 Eighth St., Huntington Beach, Cal.  
(2 wells, Orange County.)
- \*DOUGLAS, J. C., AND H. S. DOUGLAS,**  
Box 53, Oildale, Cal. (5 wells, Kern  
County.)
- \*DOUGLAS OIL COMPANY OF CALI-  
FORNIA,**  
Drawer I, Clearwater Branch, Para-  
mount, Cal. (6 wells, Los Angeles  
County; 16 wells, Santa Barbara  
County.)
- \*DOUMANI, M. K.,**  
6331 Hollywood Blvd., Hollywood 28,  
Cal. (4 wells, Los Angeles County.)
- \*DOYLE-CLUNE OIL COMPANY (Co-  
partnership: J. J. Doyle and J. W.  
Clune),**  
605 W. Olympic Blvd., Rm. 825, Los  
Angeles 15, Cal. (Well, Kern County,  
transferred to Dacus-Springer Oil  
Co., July 1, 1950; wells, Los Angeles  
County, transferred to Wm. H. Cree-  
Doyle-Clune Lease, May 25, 1950.)
- \*DRILLING & PRODUCTION COM-  
PANY,**  
523 W. Sixth St., Los Angeles 14, Cal.  
(22 wells, Kern County.)
- \*DUCREE OIL COMPANY,**  
420 E. Broadway, Long Beach 2, Cal.  
(1 well, Los Angeles County.)
- \*DULIN, HOMER, & WALTER  
EVERTS, JR. (Partnership),**  
729 E. Willow St., Long Beach 6, Cal.  
(Well, Los Angeles County, trans-  
ferred to Dumm Bros. Corp. and Ho-  
mer R. Dulin, February 1, 1950.)
- \*DUMM BROS. CORP. AND HOMER R.  
DULIN (Joint Venture),**  
3201 Walnut Ave., Long Beach 7, Cal.  
(1 well, Los Angeles County.)
- \*DUMM BROTHERS-OLYMPIC RE-  
FINING,**  
3201 Walnut Ave., Long Beach 7, Cal.  
(1 well, Los Angeles County.)
- \*DUMM BROS. PETROLEUM CORPO-  
RATION,**  
3201 Walnut Ave., Long Beach 7, Cal.  
(12 wells, Los Angeles County; well,  
Kern County, abandoned.)
- DUNLAP, D. D., & E. A. BENDER  
(Partnership),**  
Box 52, Bakersfield, Cal. (Well, Tulare  
County, abandoned.)
- DUNLAP, D. D., AND DOROTHY DUN-  
LAP (Partnership),**  
2499 Cerritos Ave., Long Beach 6, Cal.  
(17 wells, Orange County.)
- \*DUNLAP & GRAHAM WELL NO. 1  
(Not incorporated),**  
Box 1331, Bakersfield, Cal. (2 wells,  
Fresno County.)
- \*DUNLAP & JONES (D. D. Dunlap and  
Jonah Jones, Jr., operating as),**  
2499 Cerritos Ave., Long Beach 6, Cal.  
(1 well, Los Angeles County.)
- \*DUNLAP, D. D., AND C. R. MILLER,**  
2499 Cerritos Ave., Long Beach 6, Cal.  
(1 well, Orange County.)
- \*DUNLAP, D. D., OIL COMPANY,**  
2499 Cerritos Ave., Long Beach 6, Cal.  
(7 wells, Los Angeles County; 1 well,  
Orange County.)
- \*DUNSMOOR, MARGARET R.,**  
500 Plymouth Rd., San Marino 9, Cal.  
(3 wells, Kern County.)
- \*DUQUE, HENRY, ASSOCIATES,**  
Care G. Gifford Davidge, 474 S. Arroyo  
Parkway, Pasadena 2, Cal. (2 wells,  
Orange County.)
- \*E. & M. OIL COMPANY, THE,**  
263 Haberfelde Bldg., Bakersfield, Cal.  
(10 wells, Kern County.)
- \*EAGLE OIL AND REFINING COM-  
PANY, INC.,**  
530 W. Sixth St., Rm. 1307, Los Angeles  
14, Cal. (1 well, Los Angeles County;  
6 wells, Orange County.)
- \*EARLE, R. C.,**  
959 Adobe St., Los Angeles 12, Cal. (6  
wells, Los Angeles County.)
- EASLEY, WALLACE H.,**  
1126 Slater St., Santa Rosa, Cal.
- EAST BEACH OIL COMPANY,**  
260 E. Mountain View St., Long Beach  
5, Cal. (Well, Orange County, idle.)
- \*EASTMONT OIL COMPANY,**  
417 S. Hill St., Rm. 656, Los Angeles  
13, Cal. (5 wells, Kern County.)
- \*EAST PUENTE OIL COMPANY OF  
CALIFORNIA,**  
313 Sill Bldg., Bakersfield, Cal. (46  
wells, Kern County.)
- \*EASTON, EDWARD E.,**  
Box 356, Fillmore, Cal. (4 wells, Ven-  
tura County.)
- ECLIPSE OIL COMPANY (Partnership),**  
800 N. Fuller Ave., Los Angeles 46,  
Cal. (Well, Los Angeles County,  
transferred to Corinth Petroleum  
Corp., February 28, 1950.)
- \*EDISON OIL COMPANY,**  
3075 Cherry Ave., Long Beach 7, Cal.  
(7 wells, Kern County.)
- EDISON SECURITIES COMPANY,**  
Box 351, Los Angeles 53, Cal. (Well,  
Fresno County, abandoned.)
- \*EDMONDSON, E. V.,**  
9522 Olive Ave., Bellflower, Cal. (2  
wells, Los Angeles County.)

- \*ELECTRA OIL COMPANY,  
7 Habersfelde Bldg., Bakersfield, Cal. (1 well, Kern County.)
- \*ELLIOTT, D. W.,  
3275 Cherry Ave., Long Beach 7, Cal. (1 well, Los Angeles County; 1 well, Orange County.)
- \*ELLIOTT, D. W., ALAMITOS LAND NO. 1 ACCT. (Partnership),  
3275 Cherry Ave., Long Beach 7, Cal. (1 well, Los Angeles County.)
- \*ELLIOTT, D. W., INC.,  
3275 Cherry Ave., Long Beach 7, Cal. (1 well, Los Angeles County.)
- \*ELLIOTT, D. W., OPERATING ACCOUNT (Partnership),  
3275 Cherry Ave., Long Beach 7, Cal. (4 wells, Orange County.)
- \*ELLIOTT-HERLEY-MARSHALL, PARTNERSHIP,  
Care D. W. Elliott, 3275 Cherry Ave., Long Beach 7, Cal. (4 wells, Los Angeles County.)
- \*ELLIOTT, W. M.,  
1002 N. Flower St., Santa Ana, Cal. (5 wells, Orange County.)
- \*ELLIS, F. E.,  
510 Grosse Bldg., Los Angeles 14, Cal. (1 well, Los Angeles County.)
- \*EL RIO OILS (CANADA) LTD. (E. A. Lynch, Receiver),  
408 S. Spring St., Los Angeles 13, Cal. (Wells, Ventura County, transferred to J. W. & G. S. Chase, May 9, 1950.)
- \*EMERALD OIL COMPANY, THE (Fred O'Brien and Franklin C. Kelley, operating as),  
4501 E. Broadway, Long Beach 3, Cal. (4 wells, Los Angeles County.)
- \*EMPIRE OIL COMPANY (Copartnership),  
108 W. Sixth St., Los Angeles 14, Cal. (4 wells, Ventura County.)
- \*ENGINEERS OIL COMPANY (Partnership),  
2027 Cedar St., Bakersfield, Cal. (8 wells, Kern County.)
- \*ENTERPRISE OIL COMPANY (Not incorporated),  
811 W. Seventh St., Rm. 502, Los Angeles 14, Cal. (Wells, Kern County, transferred to B-K-S Oil Co., August 17, 1950.)
- \*ESSER, THEODORE M.,  
615 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*ETHEL D. COMPANY,  
111 Sutter St., Rm. 1706, San Francisco 4, Cal. (33 wells, Kern County.)
- EUBANKS, E. B.,  
Box C, Taft, Cal. (Well, Kern County, idle.)
- EUBANKS, E. B., & GERALD PREUITT,  
Box C, Taft, Cal. (Well, Kern County, transferred to E. B. Eubanks, February 4, 1950.)
- \*EUREKA COMPANY,  
2700 Cherry Ave., Long Beach 6, Cal. (2 wells, Los Angeles County.)
- \*EWAN OIL COMPANY (Partnership),  
417 S. Hill St., Rm. 808, Los Angeles 13, Cal. (3 wells, Kern County.)
- \*EXETER OIL COMPANY, LTD.,  
5843 Paramount Blvd., Long Beach 5, Cal. (1 well, Kern County; 6 wells, Los Angeles County; 11 wells, Ventura County.)
- \*EYER, H. R.,  
6615 Myrtle Ave., Long Beach 5, Cal. (Wells, Los Angeles County, transferred to Imogene Eyer, March 13, 1950.)
- \*EYER, IMOGENE,  
6615 Myrtle Ave., Long Beach 5, Cal. (3 wells, Los Angeles County.)
- \*F. AND H. OIL COMPANY (Partnership),  
Box 242, Bakersfield, Cal. (8 wells, Kern County.)
- \*F. H. S. OILS, LTD.,  
Box 1111, Harbor City, Cal. (1 well, Los Angeles County.)
- FABRY, FRANK C., AND L. C. BOWLES (Partnership),  
Rt. 2, Box 550, Los Gatos, Cal.
- \*FAIRBANKS, E. E.,  
Box 324, Huntington Beach, Cal. (2 wells, Orange County.)
- \*FAIRFIELD, F. E.,  
3075 Cherry Ave., Long Beach 7, Cal. (1 well, Los Angeles County; 48 wells, Ventura County.)
- \*FAIRFIELD-VOLUNTEER PETROLEUM COMPANY (Not incorporated),  
3075 Cherry Ave., Long Beach 7, Cal. (1 well, Ventura County.)
- FAIRFIELD-VOLUNTEER PETROLEUM COMPANY, F. E. FAIRFIELD, OPERATOR (Partnership),  
3075 Cherry Ave., Long Beach 7, Cal.
- \*FAIRVIEW EXPLORATION COMPANY,  
629 Charlana Dr., Bakersfield Cal. (Wells, Kings County, transferred to Cal-Valley Oil Co., July 1, 1950; well, San Luis Obispo County, abandoned.)
- \*FEDERAL OIL COMPANY,  
9424 Dayton Way, Suite 215, Beverly Hills, Cal. (7 wells, Los Angeles County; 7 wells, Orange County; wells, Kern County, transferred to Indian Oil Co., October 1, 1950.)
- \*FEDERAL PETROLEUM COMPANY,  
Box 86, Montebello, Cal. (3 wells, Kern County.)
- \*FELDMAN, D. D.,  
921 Westwood Blvd., Los Angeles 24, Cal. (1 well, Los Angeles County; 7 wells, Ventura County.)
- \*FERGUSON & BOSWORTH,  
Professional Bldg., Rm. 1, Bakersfield, Cal. (3 wells, Kern County.)

- \*FERGUSON, J. C.,**  
Box 323, Coalinga, Cal. (4 wells, Fresno County.)
- \*FERNE OIL COMPANY (O. D. Gaiser, operating as),**  
Box 1506, Bakersfield, Cal. (8 wells, Kern County.)
- \*FERRO OIL COMPANY (Partnership),**  
555 N. Rossmore, Los Angeles 4, Cal. (5 wells, Kern County.)
- \*FICKLE, C. A., AND DOYLE WATTENBARGER (Partnership),**  
1020 Doyle Ave., Oildale, Cal. (Well, Kern County, transferred to Doyle Wattenbarger, July 1, 1950.)
- FIELD, O. C., GASOLINE CORPORATION,**  
Care O. C. Field, Post Office Bldg., Palos Verdes Estates, Cal. (Well, Santa Barbara County, idle.)
- FIFE BROS. (Partnership),**  
714 Kress Bldg., Long Beach, Cal.
- \*FINCH NO. 1 WELL (Limited Partnership: M. B. Micallef, Ray Zempel, and George Pepperdine, operating as),**  
1614 Wellington Rd., Los Angeles 19, Cal. (1 gas well, Tulare County.)
- \*FINCH NO. 2 WELL (Limited Partnership: M. B. Micallef, Ray Zempel, and George Pepperdine, operating as),**  
1614 Wellington Rd., Los Angeles 19, Cal. (1 gas well, Tulare County.)
- \*FINCH NO. 4 WELL (Limited Partnership: M. B. Micallef, Ray Zempel, and George Pepperdine, operating as),**  
1614 Wellington Rd., Los Angeles 19, Cal. (1 gas well, Tulare County.)
- FINCH NO. 8 WELL (Limited Partnership: M. B. Micallef, Ray Zempel, and George Pepperdine, operating as),**  
1614 Wellington Rd., Los Angeles 19, Cal. (Gas well, Tulare County, idle.)
- \*FINCH NO. 12 WELL (Limited Partnership: M. B. Micallef, Ray Zempel, and George Pepperdine, operating as),**  
1614 Wellington Rd., Los Angeles 19, Cal. (1 gas well, Kings County.)
- \*FINLEY COMPANY,**  
Box 986, Reno, Nev. (6 wells, Fresno County; 19 wells, Kern County.)
- FIRST NATIONAL FINANCE CORPORATION,**  
417 S. Hill St., Rm. 1020, Los Angeles 13, Cal. (Well, Orange County, abandoned.)
- FISHER, ARTHUR C., J. H. MAURER, AND FRANK BARTON,**  
2633 Alder St., Bakersfield, Cal. (Well, Kern County, abandoned.)
- FISHER, DAN, OPERATOR,**  
426 Rowan Bldg., Los Angeles 13, Cal.
- FISHER LEASE, INC.,**  
210 W. Seventh St., Rm. 1001, Los Angeles 14, Cal. (Well, Los Angeles County, abandoned.)
- \*FISHER, R. GLENN,**  
Box 57, Coalinga, Cal. (4 wells, Fresno County.)
- \*FIVE C REFINING COMPANY,**  
Box 168, Paramount, Cal. (4 wells, Santa Barbara County.)
- \*FLETCHER, D. S.,**  
Box 548, Wilmington, Cal. (4 wells, Los Angeles County.)
- \*FLETCHER & KILMER,**  
Box 772, Maricopa, Cal. (Wells, Kern County, transferred to W. J. Kilmer, February 1, 1950.)
- \*FLINTRIDGE OIL COMPANY (Copartnership),**  
1320 N. Lake Ave., Pasadena, Cal. (1 well, Kern County.)
- FOREMAN, DAN,**  
103 Abbott St., Salinas, Cal. (Wells, Kern County, transferred to Stalcliff Oil Co., September 21, 1950.)
- \*FORMAX OIL COMPANY,**  
518 Chapman Bldg., Los Angeles 14, Cal. (32 wells, Kern County.)
- FOSTER, SAM, RALPH HAUN & JOE GIROTTI,**  
Care Ralph Haun, Box 702, Merced, Cal. (Wells, Kern County, idle.)
- FOUR STAR OIL COMPANY,**  
3700 Locust, Long Beach 7, Cal. (Well, Los Angeles County, abandoned.)
- \*FOWLER, BOONE AND ASSOCIATES (Joint Venture),**  
2450 Orange Ave., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*FOWLER AND BOSTWICK (Partnership),**  
2450 Orange Ave., Long Beach 6, Cal. (1 well, Los Angeles County.)
- FOWLER DRILLING COMPANY (Copartnership),**  
2450 Orange Ave., Long Beach 6, Cal. (Well, Los Angeles County, transferred to Fowler and Bostwick, April 25, 1950.)
- \*FOWLER DRILLING COMPANY AND CHARLES DUKE (Limited Partnership),**  
2450 Orange Ave., Long Beach 6, Cal. (2 wells, Kern County.)
- \*FRAMPTON, RAY,**  
5956 Airdrome St., Los Angeles 35, Cal. (Wells, Kern County, transferred to Palomar Oil & Refining Corp., April 1, 1950.)
- \*FRANCIS, E. P.,**  
Box 632, Atwood, Cal. (1 well, Orange County.)
- \*FRANCO PORT OIL COMPANY,**  
Box 128, Wilmington, Cal. (2 wells, Los Angeles County.)
- \*FRANCO WESTERN OIL COMPANY**  
3120 W. 18th St., Bakersfield, Cal. (30 wells, Kern County.)
- \*FRANK, P. H.,**  
2803 Chester Ave., Bakersfield, Cal. (4 wells, Kern County.)

- \*FREDERICK OIL CORPORATION,**  
201 Culver Bldg., Washington Blvd. at  
Duquesne, Culver City, Cal. (1 well,  
Orange County.)
- \*FREEMAN, W. A.,**  
Rt. 1, Box 256, Santa Paula, Cal. (1  
well, Ventura County.)
- \*FREER, S. AL,**  
Care Mrs. Francis Patterson, 403 Land-  
fair Ave., Los Angeles 24, Cal. (1  
well, Ventura County.)
- \*FREW, RUTH L.,**  
4424 N. Greenleaf Ave., Whittier, Cal.  
(1 well, Los Angeles County.)
- FRONTIER OIL COMPANY,**  
C. C. Chapman Bldg., Rm. 918, Los An-  
geles 14, Cal.
- FRONTIER PETROLEUM (Partnership),**  
115 Pine Ave., Rm. 623, Long Beach 2,  
Cal. (Well, Riverside County, trans-  
ferred to O. E. Mankin, C. H. John-  
son, Emil A. Johnson, March 28,  
1950; well, San Luis Obispo County,  
abandoned.)
- \*FULLER, A. D., OPERATOR,**  
7801 E. Second St., Downey, Cal. (2  
wells, Los Angeles County.)
- \*FULLERTON OIL COMPANY,**  
Box 1149, Pasadena 20, Cal. (2 dry gas  
wells, Kern County; 39 wells, Los  
Angeles County; 24 wells, Orange  
County; 5 wells, Santa Barbara  
County; 30 wells, Ventura County;  
total wells, 100.)
- \*G. & M. OIL COMPANY,**  
530 W. Sixth St., Los Angeles 14, Cal.  
(2 wells, Los Angeles County.)
- \*GABRIEL OIL COMPANY,**  
Box 278, McKittrick, Cal. (10 wells,  
Kern County.)
- \*GADDEN, EDWARD C., AND NOR-  
MAN GRIMM,**  
1151 Temple St., Los Angeles 12, Cal. (1  
well, Los Angeles County.)
- GANDRUP, VERNON I. (Partnership),**  
436 Hudson St., Oakland 9, Cal.
- \*GARLINGER, CHESTER I.,**  
233 Washington St., Coalinga, Cal. (1  
well, Fresno County.)
- GARNER, LYLE A.,**  
210 W. Seventh St., Rm. 1001, Los An-  
geles 14, Cal. (Well, Los Angeles  
County, abandoned.)
- \*GARRETT, ROY,**  
529 E. Roosevelt Rd., Long Beach 7,  
Cal. (6 wells, Los Angeles County.)
- GARTEN EXPLORATION COMPANY  
(Partnership),**  
5617 Spokane St., Los Angeles 16, Cal.
- GARTEN EXPLORATION COMPANY  
AND M. O. GARTEN (Partnership),**  
5617 Spokane St., Los Angeles 16, Cal.  
(Well, Kern County, abandoned.)
- \*GARTNER, HAROLD H., SR.,**  
186 S. Alvarado St., Los Angeles 4, Cal.  
(1 well, Los Angeles County.)
- \*GEM OIL COMPANY (Partnership),**  
478 S. First St., San Jose, Cal. (7 wells,  
Fresno County.)
- GENERAL DRILLING COMPANY,**  
1232 S. Grand Ave., Los Angeles 15, Cal.  
(Wells, Kern County, transferred to  
L. R. Wilhite, April 28, 1950.)
- \*GENERAL EXPLORATION COM-  
PANY OF CALIFORNIA,**  
417 S. Hill St., Rm. 750, Los Angeles 13,  
Cal. (19 wells, Los Angeles County.)
- \*GENERAL PETROLEUM CORPORA-  
TION,**  
612 S. Flower St., Los Angeles 17, Cal.  
(53 wells, Fresno County; 1153 oil  
wells, Kern County; 1 gas well, Kern  
County, idle; 423 wells, Los Angeles  
County; 82 wells, Orange County; 77  
wells, Santa Barbara County; 77  
wells, Ventura County; total wells,  
1842.)
- GENERAL PRODUCTION CORPORA-  
TION OF ARIZONA,**  
339 S. Western Ave., Los Angeles 5,  
Cal.
- \*GEORGE, J. R.,**  
303 Wesley Ave., Huntington Beach,  
Cal. (1 well, Orange County.)
- \*GERARD, W. R.**  
20 La Arcada Court, 1114 State St.,  
Santa Barbara, Cal. (3 wells, Kern  
County; 10 wells, Santa Barbara  
County.)
- \*GETTY, J. PAUL,**  
1060 Subway Terminal Bldg., Los An-  
geles 13, Cal. (37 wells, Kern County;  
4 wells, Los Angeles County.)
- \*GETTY, JEAN PAUL, AS TRUSTEE  
OF THE TRUST OF THE RESIDU-  
ARY ESTATE OF SARAH C.  
GETTY, DECEASED,**  
1060 Subway Terminal Bldg., Los An-  
geles 13, Cal. (4 wells, Los Angeles  
County.)
- \*GIBSON OIL COMPANY (C. J. Gibson,  
operating as),**  
612 S. Flower St., Rm. 370, Los Angeles  
17, Cal. (13 wells, Kern County.)
- \*GIBSON, T. M.,**  
Box 928, Pasadena, Cal. (1 well, Ven-  
tura County.)
- \*GIESSNER, H.,**  
3600 Weston Pl., Long Beach 7, Cal. (1  
well, Los Angeles County.)
- GIFFEN, RUSSELL,**  
Russell Giffen Farms, Huron, Cal.
- \*GILLILAND OIL COMPANY (Jos. H.  
Gilliland, operating as),**  
612 S. Flower St., Los Angeles 17, Cal.  
(3 wells, Kern County; 1 well, Santa  
Barbara County.)
- \*GILLILAND OIL COMPANY & C. O.  
DAVIS (Partnership),**  
612 S. Flower St., Los Angeles 17, Cal.  
(11 wells, Kern County.)
- \*GILMORE ASSOCIATES NO. 1 (Part-  
nership),**  
139 N. Nicholas Ave., Fullerton, Cal. (1  
well, Orange County.)

- \*GILMORE ASSOCIATES NO. 2**  
139 N. Nicholas Ave., Fullerton, Cal. (1 well, Orange County.)
- \*GILMOUR, LLOYD S.,**  
15 Broad St., New York 5, N. Y. California address: Box 107, Station B, Bakersfield, Cal. (8 wells, Kern County.)
- GIROTTI, J. P.,**  
Rt. 2, Box 178, Merced, Cal. (Wells, Kern County, idle.)
- \*GOETZ & DEAN (F. C. Goetz and R. W. Dean, Partners),**  
Box 1736, Bakersfield, Cal. (5 wells, Kern County.)
- \*GOFORTH, H. L.,**  
Box 28, McKittrick, Cal. (3 wells, Kern County.)
- \*GOGIN, J. R., W. H. Bowen & GUY S. BOWEN,**  
542½ 11th Ave., Los Angeles 43, Cal. (3 wells, Los Angeles County.)
- \*GOLDEN ARROW OIL CO., INC.,**  
3591 Long Beach Blvd., Long Beach 7, Cal. (2 wells, Los Angeles County.)
- \*GOLDEN BEAR OIL COMPANY,**  
812 Union Bank Bldg., Los Angeles 14, Cal. (38 wells, Kern County.)
- \*GOLDEN DOME OIL CO., INC.**  
3591 Long Beach Blvd., Long Beach 7, Cal. (3 wells, Los Angeles County.)
- \*GOLDEN STATE DRILLING AND PRODUCING COMPANY (Partnership: Robert L. Brown, Clause E. Johnson, and Leon Mortison, operating as),**  
846 E. Willow St., Long Beach 6, Cal. (3 wells, Orange County.)
- GOLDMAN, FRANK,**  
Box 644, Bakersfield Cal. (Wells, Kern County, idle.)
- \*GOODY, F. D., & R. J. SCHROEDER (Partnership),**  
414 Heartwell Bldg., Long Beach, Cal. (1 well, Orange County.)
- \*GORDON, HUGH,**  
Gordon, Knapp, and Hennessy, 453 S. Spring St., Los Angeles 13, Cal. (2 wells, Kern County.)
- \*GORDON OIL COMPANY,**  
612 S. Flower St., Rm. 812, Los Angeles 17, Cal. (29 wells, Los Angeles County.)
- \*GOSHEN SYNDICATE (Partnership),**  
Care Kennitzer, Richards & Diepenbrock, 704 S. Spring St., Room 1004, Los Angeles 14, Cal. (1 well, Kings County.)
- GOULD, LEROY C.,**  
4470 W. Second St., Los Angeles 4, Cal.
- \*GRAHAM, D. H., & ASSOCIATES,**  
Box 1331, Bakersfield, Cal. (1 well, Fresno County.)
- \*GRAHAM, D. H., & ASSOCIATES, WELL NO. 2,**  
Box 1331, Bakersfield, Cal. (1 well, Fresno County.)
- \*GRAHAM, D. H., & ASSOCIATES, WELL NO. 3,**  
Box 1331, Bakersfield, Cal. (3 wells, Fresno County.)
- \*GRAHAM & DUNLAP (Partnership),**  
2450 Cerritos Ave., Long Beach 6, Cal. (1 well, Fresno County.)
- GRAHAM, G.,**  
Box 53, Station B, Bakersfield Cal.
- \*GRANER OIL COMPANY (Partnership: George V. and J. B. Graner, operating as),**  
Box 307, Venice, Cal. (13 wells, Los Angeles County.)
- \*GRANGER, PAUL H.,**  
332 Granger Bldg., San Diego, Cal. (2 wells, Los Angeles County.)
- \*GRAY AND HANSEN (Partnership),**  
12106 E. Firestone Blvd., Norwalk, Cal. (1 well, San Bernardino County.)
- GRAYCO OIL,**  
12106 E. Firestone Blvd., Norwalk, Cal. (Well, San Bernardino County, being abandoned.)
- \*GRAYCO OIL NO. 2,**  
12106 E. Firestone Blvd., Norwalk, Cal. (1 well, San Bernardino County.)
- \*GREAT NORTHERN OIL COMPANY,**  
17232 Morse St., Yorba Linda, Cal. (2 wells, Orange County.)
- GREEN, LEE O.,**  
322 Pecan St., Vallejo Cal. (Well, Solano County, transferred to WA-MECO DRILLING CO., July 18, 1950.)
- \*GREEN, PARKIN & TUCKER (Partnership),**  
1545 W. 87th St., Los Angeles 47, Cal. (Well, Los Angeles County, transferred to Marcel Rodd Co., August 21, 1950.)
- \*GREER, P. H., COMPANY, INC.,**  
807 Equitable Bldg., Hollywood 28, Cal. (6 wells, Kern County.)
- \*GREGORY, WILSON,**  
235 W. 64th Pl., Inglewood, Cal. (4 wells, Los Angeles County.)
- \*GRIGGS, F. C., AND ASSOCIATES (Partnership),**  
Box 547, Exeter, Cal. (3 wells, San Luis Obispo County.)
- \*GROEN, C. J.,**  
400 Beverly Blvd., Montebello, Cal. (1 well, Los Angeles County.)
- GROSHEN OIL COMPANY (Partnership),**  
704 S. Spring St., Los Angeles 14, Cal. (Well, Kern County, abandoned.)
- GROUP OIL OPERATORS, INC.,**  
Care A. J. Scampini, Atty., 300 Montgomery St., Rm. 816, San Francisco 4, Cal. (Well Kern County, abandoned.)
- GUARANTY SALES INC.,**  
7008 S. Western, Los Angeles 44, Cal. (Wells, Kings County, transferred to General Production Co. of Arizona, October 6, 1950.)



- GUIBERSON OIL (Joint Venture: Alford Oil Co. and S. A. Guiberson, Jr.),**  
941 Westwood Blvd., Room 207, Los Angeles 24, Cal. (Wells, Los Angeles County, transferred to Guiberson Oil Corp., January, 1950.)
- \*GUIBERSON OIL COMPANY (S. A. Guiberson, Jr., operating as),**  
Box 1106, Dallas 1, Texas, (16 wells, Los Angeles County.)
- \*GUIBERSON OIL CORPORATION,**  
Box 1106, 1000 Forest Ave., Dallas, Texas (Wells, Los Angeles County, transferred to Guiberson Oil Co., September 1, 1950.)
- \*GUIJARRAL HILLS OPERATORS (Copartnership),**  
810 Pacific Mutual Bldg., Los Angeles 14, Cal. (2 wells, Fresno County.)
- \*GUIJARRAL SERVICE COMPANY,**  
1414 Mills Tower, San Francisco 4, Cal. (57 wells, Fresno County.)
- \*GULCH PETROLEUM COMPANY (Copartnership),**  
Rt. 2, Box 550, Los Gatos, Cal. (1 well, Santa Clara County.)
- \*H. B. OIL COMPANY,**  
Box 108, Huntington Beach, Cal. (2 wells, Orange County.)
- \*H & B OIL COMPANY (Copartnership),**  
315 Brower Bldg., Bakersfield, Cal. (1 well, Kern County.)
- H. C. L. SYNDICATE,**  
639 S. Spring St., Rm. 810, Los Angeles 14, Cal.
- \*H. H. & F. OIL COMPANY,**  
Rt. 1, Box 153, Bakersfield, Cal. (17 wells, Kern County.)
- H. H. & W. OIL COMPANY (Partnership),**  
3516 Atlantic Ave., Long Beach 7, Cal.
- H-K EXPLORATION COMPANY (Copartnership),**  
2785 Cherry Ave., Long Beach 6, Cal.
- H. K. O. OIL COMPANY (Partnership),**  
Route 5, Box 109, Bakersfield, Cal. (Well, Kern County transferred to Golden Bear Oil Co., February 4, 1950.)
- \*H & T OIL COMPANY (Limited Partnership),**  
Care Ben Hulse, 1414 Main St., El Centro, Cal. (14 Wells, Kern County.)
- \*HAINES, A.,**  
Box 1007, Long Beach 1, Cal. (5 wells, Los Angeles County.)
- HALBERT, J. B.,**  
5164 Fountain Ave., Los Angeles 27, Cal. (Well, Los Angeles County, abandoned.)
- \*HALLMARK OIL COMPANY,**  
Care Charles C. Crouch, Pres., 435 Bank of America Bldg., San Diego, Cal. (11 wells, Kern County.)
- \*HAMARSON OIL COMPANY, (Partnership),**  
2760 Long Beach Blvd., Long Beach 6, Cal. (3 wells, Los Angeles County.)
- \*HAMILTON, D. P.,**  
818 Commercial National Bank Bldg., Shreveport, La. (2 wells, Los Angeles County.)
- \*HAMILTON AND SHERMAN, OPERATORS (Copartnership),**  
5678 Wilshire Blvd., Los Angeles 36, Cal. (1 well, Orange County.)
- \*HAMMIL OIL CORPORATION,**  
5678 Wilshire Blvd., Los Angeles 36, Cal. (1 well, Orange County.)
- \*HAMPTON & COMPANY, INC., ESTATE OF (R. G. Akers, Trustee),**  
421 Security Bldg., Long Beach 2, Cal. (1 well, Los Angeles County.)
- \*HANCOCK AND GENERAL (The Hancock Oil Company of California and General Petroleum Corporation, operating jointly),**  
Care John W. Hancock, Box 810, Long Beach 1, Cal. (61 wells, Santa Barbara County.)
- \*HANCOCK OIL COMPANY OF CALIFORNIA, THE,**  
(Box 810, Long Beach 1, Cal. (25 wells, Kern County; 62 wells, Los Angeles County; 1 well, Orange County; 10 wells, San Luis Obispo County; 1 well, Santa Barbara County; well, Kings County, abandoned.)
- \*HANNAH & WOOD (Partnership),**  
1012 S. Chester Ave., Bakersfield, Cal. (1 well, Kern County.)
- \*HANSCO OIL (A. M. Hansen, operating as),**  
5607 S. Figueroa St., Los Angeles 37, Cal. (1 well, Kern County.)
- \*HANSMEYER, J. C., OIL COMPANY (Not incorporated),**  
Box 467, Venice, Cal. (8 wells, Los Angeles County; 6 wells, Orange County.)
- \*HARDEN, M. P.,**  
Box 895, Bakersfield, Cal. (2 wells, Kern County.)
- \*HARDESTY, ELIJAH W., ET AL. (Partnership),**  
1300 Clough Rd., Reno, Nev. (Well, Los Angeles County, transferred to B. B. Breckenridge, January 15, 1950.)
- \*HARMOR PETROLEUM COMPANY,**  
1241 E. Burnett St., Long Beach 6, Cal. (9 wells, Los Angeles County.)
- \*HARRELL, SLIM, ASSOCIATES, LTD. (Not incorporated),**  
215 Eighth St., Huntington Beach, Cal. (1 well, Orange County.)
- \*HARRIS, R. M.,**  
811 W. Seventh St., Los Angeles 17, Cal. (5 wells, Kern County; 15 wells, Los Angeles County.)
- \*HARRISON, NANCY E.,**  
664 Rosemead Blvd., Pasadena, Cal. (1 well, Los Angeles County.)
- \*HARTH, H. A., JR.,**  
4354 W. Third St., Los Angeles 5, Cal. (1 well, Orange County.)



- \*HAST OIL COMPANY, THE,**  
3015 Cherry Ave., Long Beach 7, Cal.  
(9 wells, Kern County.)
- \*HATHAWAY COMPANY,**  
Box 371, Santa Fe Springs, Cal. (29  
wells, Los Angeles County; 60 wells,  
Orange County.)
- \*HAVENSTRITE OIL COMPANY (R. E.  
Havenstrite, operating as),**  
811 W. Seventh St., Los Angeles 17, Cal.  
(11 wells, Kern County; 28 wells, Los  
Angeles County; 16 wells, Ventura  
County)
- \*HAWS, OLIVER, AND JOSEPH  
ELLSWORTH,**  
Box 572, Newhall, Cal. (Wells, Los An-  
geles County, transferred to Santa  
Paula Drilling and Development Co.,  
June 1, 1950.)
- HAY PETROLEUM CORP., LTD., Frank  
Goldman, Trustee,**  
Box 644, Bakersfield, Cal. (Well, Kern  
County, idle.)
- \*HEARRELL OIL COMPANY (Not  
Incorporated),**  
3720 Linden Ave., Long Beach 7, Cal.  
(4 wells, Los Angeles County.)
- \*HEASLEY, W. E., MRS.,**  
Box 783, Maricopa, Cal. (4 wells, Kern  
County.)
- HEEDWOHL, ROSE CARSON,**  
3800 Weston Pl., Long Beach 7, Cal.  
(Well, Los Angeles County, trans-  
ferred to Fox M. Boswell, February  
1, 1950.)
- HELLER, BEN,**  
5707 S. Alameda, Los Angeles 58, Cal.  
(Well, Santa Barbara County, idle.)
- \*HELLMAN ESTATE,**  
Box G, Seal Beach, Cal. (41 wells,  
Orange County.)
- \*HELM AND SMITH OIL COMPANY  
(L. G. Helm and Lon V. Smith, oper-  
ating as),**  
201 Sill Bldg., Bakersfield, Cal. (22  
wells, Kern County.)
- \*HEMBROOK OIL COMPANY (S. R.  
Hemmi & E. S. Brooks, operating  
as),**  
2954 Cherry Ave., Long Beach 7, Cal.  
(6 wells, Los Angeles County; wells,  
Orange County, transferred to D. W.  
Weaver, July 31, 1950.)
- \*HENDERSON, H. G.,**  
401 Chapman Bldg., Fullerton, Cal. (3  
wells, Orange County.)
- HENDERSON, MAURICE (Partnership),**  
Rt. 1, Box 227, Porterville, Cal.
- \*HENRY, C & R,**  
1525 Laguna St., Santa Barbara, Cal.  
(2 wells, Kern County.)
- \*HENTHORN, E. L.,**  
Box 1248, Ventura, Cal. (8 wells, Ven-  
tura County.)
- \*HERLEY, JACK, AND PAUL L. KEL-  
LEY,**  
3201 Pasadena Ave., Long Beach 7, Cal.  
(24 wells, Los Angeles County; well,  
Orange County, idle; 1 well, Ventura  
County.)
- \*HERLEY, JACK, OPERATOR,**  
3201 Pasadena Ave., Long Beach 7, Cal.  
(1 well, San Benito County.)
- HERLEY, JACK, AND BETTY KEL-  
LEY (Partnership),**  
3201 Pasadena Ave., Long Beach 7,  
Cal. (Well, Los Angeles County,  
transferred to Herley-Kelley Pro-  
duction Co., August 1, 1950.)
- \*HERLEY-KELLEY (Partnership),**  
3201 Pasadena Ave., Long Beach 7, Cal.  
(4 wells, Los Angeles County.)
- \*HERLEY-KELLEY OIL OPERA-  
TIONS (Not Incorporated),**  
3201 Pasadena Ave., Long Beach 7, Cal.  
(8 wells, Los Angeles County.)
- \*HERLEY-KELLEY PRODUCTION  
COMPANY (Partnership),**  
3201 Pasadena Ave., Long Beach 7, Cal.  
(1 well, Los Angeles County.)
- \*HERMANSEN, MELVIN D.,**  
1539 W. Spring, Long Beach 6, Cal. (3  
wells, Los Angeles County.)
- \*HERMOSA OIL COMPANY, LTD.,**  
2001 E. Pacific Coast Highway, Long  
Beach 4, Cal. (Well, Los Angeles  
County, transferred to J. L. O'Don-  
nell, April 4, 1950.)
- \*HERWICK, C. C.,**  
3700 Locust Ave., Long Beach 7, Cal.  
(Wells, Los Angeles County, trans-  
ferred to Airline Oil Co. C. C. Her-  
wick, July 1, 1950.)
- HERZOG, RAYMOND D.,**  
Devils Den, Cal. (Wells, Kern County,  
transferred to Stal-Cliff Oil Co., Sep-  
tember 21, 1950.)
- \*HIAWATHA EXPLORATION COM-  
PANY (George C. Atha and Fred  
Moser, operating as),**  
1650 E. Nadeau St., Los Angeles 1, Cal.  
(Wells, Orange County, transferred  
to D. D. Dunlap and Dorothy Dunlap,  
June 23, 1950.)
- \*HIGH, DAVID A.,**  
Rt. 3, 20215 Esperanza Road, Anaheim,  
Cal. (2 wells, Orange County.)
- HIGLEY, R. P.,**  
437 S. Hill St., Rm. 501, Los Angeles 13,  
Cal.
- HILL & GRUMBAUGH,**  
Box 708, Long Beach 1, Cal. (Well,  
Los Angeles County, idle.)
- HIWA PETROLEUM CORPORATION  
(V. W. Erickson, Trustee),**  
830 H. W. Hellman Bldg., Los Angeles  
13, Cal. (Well, Los Angeles County,  
idle.)
- HJORTH, A. W.,**  
4251 Vermont St., Long Beach 4, Cal.  
(Well, Orange County, idle.)

- \*HJORTH AND TRIMBLE (Partnership),**  
Box 549, Huntington Beach, Cal. (1 well, Orange County.)
- HOBSON, THEO. J.,**  
1224 West 82d St., Los Angeles 44, Cal. (Well, Los Angeles County, idle.)
- \*HOCKING, GEORGE,**  
650 Junipero Ave., Long Beach 4, Cal. (4 wells, Los Angeles County.)
- \*HOCKING, GEORGE, HOMER HATCHER, AND J. L. HATCHER (Partnership),**  
650 Junipero Ave., Long Beach 4, Cal. (2 wells, Los Angeles County.)
- \*HOCKING OIL CORPORATION,**  
650 Junipero Ave., Long Beach 4, Cal. (1 well, Los Angeles County.)
- \*HOGAN PETROLEUM COMPANY,**  
811 W. Seventh St., Rm. 406, Los Angeles 14, Cal. (33 wells, Kern County.)
- HOLLISTER OIL AND EXPLORATION COMPANY (Partnership),**  
Care A. S. Mayes, Santa Lucia Inn, Salinas, Cal. (Well, San Benito County, abandoned.)
- \*HOLLY DEVELOPMENT COMPANY,**  
Box 430, Huntington Beach, Cal. (3 wells, Los Angeles County; 4 wells, Orange County.)
- \*HOLLY OIL COMPANY,**  
Box 430, Huntington Beach, Cal. (10 wells, Orange County.)
- \*HOLLYWOOD OIL COMPANY,**  
2499 Cerritos Ave., Long Beach 6, Cal. (8 wells, Los Angeles County.)
- HOLMES, CHAS.,**  
2727 Lincoln Dr., San Bernardino, Cal.
- \*HOLMES DRILLING COMPANY (Partnership: Adolph A. Holmes and Marion B. Holmes, operating as),**  
743 E. Willow St., Long Beach 6, Cal. (1 well, Orange County.)
- \*HOLMES, ELLINOR R.,**  
Box 864, Maricopa, Cal. (2 wells, Kern County.)
- \*HOLMES & EVERTS & ASSOCIATES (Partnership),**  
3073 Cherry Ave., Long Beach 7, Cal. (Well, Los Angeles County, transferred to Morton and Doley, May 4, 1950.)
- \*HOLMES AND EVERTS OIL COMPANY (Limited Partnership),**  
743 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- HOLMES, KENNETH A.,**  
Box 828, Yuma, Ariz. (Well, San Luis Obispo County, abandoned.)
- \*HOLMES OIL COMPANY, INC.,**  
743 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*HONOLULU OIL CORPORATION,**  
215 Market St., San Francisco 5, Cal. (360 oil wells, 15 gas wells, Kern County; 2 wells, Santa Barbara County; 1 gas well, Solano County; 6 wells, Ventura County; total wells, 384.)
- HOOVER DOME SYNDICATE, LTD.,**  
424 S. Beverly Drive, Beverly Hills, Cal. (Well, Tehama County, abandoned.)
- HOOPER, JAMES K., ESTATE OF (Zilla V. Hooper and Mayme H. Curtis, Executrices),**  
515 S. Grand View St., Los Angeles 5, Cal. (Wells, Kern County, transferred to Hosking Bros., January 1, 1950.)
- HOOVER DRILLING COMPANY (Partnership),**  
3800 Pierce Road, Bakersfield, Cal. (Well, Kern County, abandoned.)
- \*HOPE OIL COMPANY,**  
3944 Pine Ave., Long Beach 7, Cal. (2 wells, Los Angeles County.)
- \*HOPKINS, HARRY L.,**  
Box 88, Huntington Beach, Cal. (7 wells, Orange County.)
- \*HOPPER, J. O., ROY D. PESSON, A. E. PETERSON AND GLADYS E. MCCORMICK (Copartnership),**  
Care F. E. Butler, Box 476, Webb Bldg., Coalinga, Cal. (Wells, Fresno County, transferred to Gem Oil Co., September 1, 1950.)
- HORN, JOHN STEPHEN,**  
Rt. 1, Box 103, San Juan Bautista, Cal.
- \*HORN, LESTER,**  
Box 294, Coalinga, Cal. (17 wells, Fresno County.)
- \*HORTON, W. R.,**  
5251 El Roble, Long Beach 4, Cal. (2 wells, Los Angeles County; well, Orange County, transferred to Roy J. Berryhill and Deane Newenham, March 3, 1950.)
- \*HOSKING BROS. (Partnership),**  
Box 286, Maricopa, Cal. (22 wells, Kern County.)
- \*HOWARD, OSCAR R.,**  
56 Fremont Pl., Los Angeles 5, Cal. (Wells, Los Angeles County, transferred to estate of Oscar R. Howard, May 13, 1950.)
- \*HOWARD, OSCAR R., ESTATE OF,**  
56 Fremont Pl., Los Angeles 5, Cal. (11 wells, Los Angeles County.)
- \*HOWARD, O. R., & COMPANY (Not incorporated),**  
56 Fremont Pl., Los Angeles 5, Cal. (1 well, Orange County.)
- HOWE, C. D.,**  
3516 Atlantic Ave., Long Beach 7, Cal. (Well, San Bernardino County, abandoned.)
- \*HOYT, CORAL,**  
3701 Walnut Ave., Long Beach 7, Cal. (3 wells, Kern County.)
- \*HOYT AND COMPANY BRONCO LEASE (Long Beach Dock and Terminal Company and Coral Hoyt, operating as),**  
3701 Walnut Ave., Long Beach 7, Cal. (2 wells, Kern County.)

- \*HOYT AND COMPANY SON LEASE**  
(Coral Hoyt and Long Beach Dock and Terminal Company, operating as),  
3701 Walnut Ave., Long Beach 7, Cal.  
(1 well, Kern County.)
- HUDSON, GEORGE H.,**  
168 Irvington St., Daly City 25, Cal.
- HUDSON OIL COMPANY, INC.**  
306 N. Main St., Porterville, Cal. (Well, Tulare County, abandoned.)
- \*HUGHES, WALTER,**  
Rt. 1, 9751 S. Dale, Anaheim, Cal.  
(1 well, Los Angeles County.)
- \*HUMBLE OIL & REFINING COMPANY,**  
612 S. Flower St., Los Angeles 17, Cal.  
(3 wells, Los Angeles County; 3 wells, Ventura County; wells, Kern and Monterey Counties, abandoned.)
- \*HUNTER, HARRY,**  
523 17th St., Huntington Beach, Cal. (1 well, Orange County.)
- \*HUNTER, HARRY, & ASSOCIATES**  
(Limited Partnership),  
523 17th St., Huntington Beach, Cal. (2 wells, Orange County.)
- \*HUNTER, HARRY-J. P. THURMOND**  
(Partnership),  
523 17th St., Huntington Beach, Cal.  
(1 well, Orange County.)
- \*HUNTER, KENNETH H.,**  
2481 Mission St., San Marino 9, Cal. (1 well, Ventura County.)
- \*HUNTINGTON SIGNAL OIL COMPANY,**  
529 I. W. Hellman Bldg., Los Angeles 13, Cal. (13 wells, Orange County.)
- \*HUNTINGTON STATE COMPANY,**  
5678 Wilshire Blvd., Los Angeles 36, Cal. (23 wells, Orange County.)
- HURLEY, HOMER, AND T. M. POPE**  
(Partnership),  
311 S. Vermont St., Los Angeles 5, Cal.
- \*HUTCHINS, VAUGHN G.,**  
Bin TT, Taft, Cal. (12 wells, Kern County.)
- \*HUTCHINSON, G. E., & ASSOCIATES,**  
Box 179, 401 S. La Brea Ave., Inglewood, Cal. (1 well, Los Angeles County.)
- \*I. X. L. OIL COMPANY, LTD.,**  
911 N. Willow St., Compton, Cal. (2 wells, Los Angeles County.)
- \*IMPERIAL GYPSUM & OIL CORPORATION,**  
23499 Narbonne Ave., Torrance, Cal. (5 wells, Los Angeles County; 2 wells, Orange County.)
- \*IMPERIAL OIL COMPANY (C. N. Steele and Randall Landon, operating as),**  
Box 215, Yorba Linda, Cal. (20 wells, Orange County.)
- \*INDEPENDENT EXPLORATION COMPANY,**  
531 California Ave., Bakersfield, Cal. (46 wells, Kern County; 20 wells, Los Angeles County; wells, Humboldt and Kings Counties, abandoned.)
- \*INDEPENDENT EXPLORATION COMPANY, OPERATOR,**  
531 California Ave., Bakersfield, Cal. (62 wells, Kern County.)
- \*INDIAN OIL COMPANY (Copartnership: L. W. Frankley, James G. Creed, and Ben Jaffe, operating as),**  
9424 Dayton Way, Beverly Hills, Cal. (5 wells, Kern County; 6 wells, Los Angeles County.)
- \*INDIAN PETROLEUM COMPANY,**  
391 Sutter St., Rm. 609, San Francisco 8, Cal. (3 wells, Orange County; well, Los Angeles County, idle.)
- \*INTER-AMERICAN PETROLEUM COMPANY (Association),**  
704 S. Spring St., Los Angeles 14, Cal. (2 wells, Ventura County.)
- INTERNATIONAL EXPLORATION COMPANY (Copartnership),**  
412 W. Sixth St., Los Angeles 14, Cal. (Wells, Merced and San Luis Obispo Counties, abandoned.)
- \*INTERSTATE PETROLEUM CORPORATION,**  
417 S. Hill St., Rm. 720, Los Angeles 13, Cal. (5 wells, Los Angeles County.)
- \*INVADER OIL COMPANY,**  
2187 Atlantic Ave., Long Beach 6, Cal. (1 well, Orange County.)
- ISLAND VIEW OIL COMPANY,**  
2907 E. Seventh St., Long Beach 4, Cal. (Well, Orange County, idle.)
- \*IVERS, H. A.,**  
1400 Hacienda Blvd., LaHabra, Cal. (8 wells, Ventura County.)
- \*J. D. R. OIL COMPANY,**  
Box 769, Bakersfield, Cal. (10 wells, Kern County.)
- \*J. I. M. PETROLEUM COMPANY,**  
115 Pine Ave., Long Beach 2, Cal. (3 wells, Los Angeles County.)
- JNJ CORPORATION,**  
Care Jerome L. Ehrlich, Attorney, 1015 Wm. Fox Bldg., 608 S. Hill St., Los Angeles 14, Cal. (Well, Fresno County, abandoned.)
- \*JVA OIL COMPANY (Partnership),**  
Care A. H. Trester, 523 17th St., Huntington Beach, Cal. (1 well, Orange County.)
- J. W. B. OIL COMPANY (Limited Partnership),**  
511 Fairy Lane, Rt. 2, Box 181, Fontana, Cal. (Well, Orange County, idle.)
- \*JACKSON, J. M.,**  
1444 E. Hill St., Long Beach 6, Cal. (1 well, Ventura County.)
- \*JACKSON, J. M., EXPLORATION COMPANY,**  
1444 E. Hill St., Long Beach 6, Cal. (2 wells, Los Angeles County.)
- \*JACKSON, MINUS E.,**  
1039 E. Ocean Blvd., Long Beach 2, Cal. (1 well, Los Angeles County.)

- \*JACKSON, OWEN E.,**  
82 Giraldo Walk, Long Beach 2, Cal.  
(14 wells, Orange County; well, Los Angeles County, idle.)
- JACKSON, R. B.,**  
4130 Creed Ave., Los Angeles 8, Cal.
- JACKSON, R. B., AND B. W. McCUNE**  
(Partnership),  
4130 Creed Ave., Los Angeles 8, Cal.  
(Well, Kern County, abandoned.)
- JACKSON, R. B., AND CLIFF E. ZILL-  
GITT** (Partnership),  
4130 Creed Ave., Los Angeles 8, Cal.  
(Well, Kern County, abandoned.)
- JACKSON, ROBERT E.,**  
4024 Long Beach Blvd., Long Beach 7,  
Cal. (Well, Los Angeles County, idle.)
- \*JACOBSON, CHAS. R.,**  
20 La Arcada Court, 1114 State St.,  
Santa Barbara, Cal. (1 well, Kern  
County.)
- \*JAMES, CARRIE, MRS.,**  
1246 Court St., Los Angeles 26, Cal. (2  
wells, Los Angeles County.)
- \*JAMES OIL COMPANY, LTD.,**  
1216 Security Bldg., Long Beach 2, Cal.  
(1 well, Los Angeles County.)
- \*JASPERSON AND HUNTER OIL PRO-  
DUCTION** (Phil B. Hunter, operat-  
ing as),  
727 W. 12th St., Claremont, Cal. (4  
wells, Los Angeles County.)
- \*JENKS, ABBOTT B., COMPANY,**  
Mayfair Apts. No. 12, 1208 W. Texas  
Ave., Midland, Tex. (1 well, Santa  
Barbara County.)
- \*JENSEN & EGNEW** (Joint Tenancy),  
4801 Exposition Blvd., Los Angeles 16,  
Cal. (1 well, Los Angeles County.)
- \*JERGINS OIL COMPANY,**  
1000 Jergins Trust Bldg., Long Beach  
2, Cal. (1 well, Fresno County; 111  
wells, Kern County; 78 wells, Los  
Angeles County; 42 wells, Monterey  
County; 2 wells, Orange County; 2  
gas wells, Sacramento County; total  
wells, 236.)
- \*JERGINS SYNDICATE, INC.,**  
1000 Jergins Trust Bldg., Long Beach  
2, Cal. (4 wells, Kern County; 10  
wells, Los Angeles County.)
- \*JERMAN, R. W., AND F. R. BARTEE**  
(Partnership),  
555 E. Willow St., Long Beach 6, Cal.  
(3 wells, Los Angeles County.)
- \*JERMAN, R. W., INC.,**  
555 E. Willow St., Long Beach 6, Cal.  
(1 well, Los Angeles County.)
- \*JERRY-LEE OIL COMPANY,**  
529 E. Roosevelt Rd., Long Beach 7,  
Cal. (6 wells, Kern County.)
- \*JIMSCO OIL COMPANY,**  
1329 Security Title Insurance Bldg.,  
Los Angeles 14, Cal. (1 well, Orange  
County.)
- JOHNSON, W. J., REN ELVIS &  
HENRY C. THARP** (Partnership),  
147 Davis St., Santa Paula, Cal.
- \*JOHNSTON, A. S., DRILLING COR-  
PORATION,**  
2555 Temple Ave., Long Beach 6, Cal.  
(32 wells, Los Angeles County.)
- \*JOHNSTON, H. E., & G. S. (Partner-  
ship),**  
1150 Union St., San Francisco 9, Cal.  
(1 well, Orange County.)
- \*JOLLEY, INA BELLE,**  
1338 N. Highland Ave., Los Angeles 28,  
Cal. (1 well, Orange County.)
- \*JONES, BASIL,**  
215 W. Seventh St., Los Angeles 14,  
Cal. (4 wells, Los Angeles County.)
- \*JOURNIGAN, LEONARD E.,**  
1661 S. Walnut St., La Habra, Cal. (1  
well, Los Angeles County.)
- JUSTICE AND FLEMING GEOPHYSI-  
CAL COMPANY** (Partnership),  
756 S. Broadway, Rm. 300, Los Angeles  
14, Cal. (Well, San Bernardino  
County, transferred to Rex Oil Co.,  
July 27, 1950.)
- \*K. G. S. OIL COMPANY** (Copartner-  
ship),  
Box 88, Clearwater Branch, Param-  
ount, Cal. (4 wells, Los Angeles  
County.)
- \*K. R. D. SYNDICATE** (Limited Part-  
nership),  
Care Kennitzer, Richards & Diepen-  
brock, 704 S. Spring St., Rm. 1004,  
Los Angeles 14, Cal. (Well, Fresno  
County, abandoned.)
- KAHLER, MARGARET V.,**  
827 S. Gramercy Dr., Los Angeles 5,  
Cal. (Well, Kern County, idle.)
- \*KARDA CORPORATION,**  
Rt. 1, Box 199, Santa Maria, Cal. (9  
wells, Santa Barbara County.)
- \*KAREN, MINNIE, MRS.,**  
Box 603, Beverly Hills, Cal. (2 wells,  
Los Angeles County.)
- \*KAY OIL COMPANY** (Partnership),  
911 N. Willow St., Compton, Cal. (2  
wells, Los Angeles County.)
- KEEL, ANTHONY J.,**  
756 S. Broadway, Rm. 300, Los Angeles  
14, Cal.
- \*KELLEY, FRANKLIN C.,**  
Box 358, Torrance, Cal. (2 wells, Los  
Angeles County.)
- \*KELLEY, GUY A.,**  
1418 Amapola Ave., Torrance, Cal. (1  
well, Los Angeles County.)
- \*KELLEY & KELLEY,**  
Box 112, Lomita, Cal. (2 wells, Los  
Angeles County.)
- \*KELLEY & MARCOUX,**  
1937 Orizaba Ave., Long Beach 4, Cal.  
(3 wells, Los Angeles County.)

- \*KELLY, LAURENCE C., AND MAURICE V. KELLY,**  
309 Bank of America Bldg., Beverly Hills, Cal. (1 well, Los Angeles County.)
- \*KELLY, THOMAS, & SONS, INCORPORATED,**  
309 Bank of America Bldg., Beverly Hills, Cal. (11 wells, Los Angeles County.)
- KELOIL INC.,**  
306 Haberfelde Bldg., Bakersfield, Cal. (Well, San Luis Obispo County, abandoned.)
- KELSO, WILLIAM M.,**  
Care Bert C. Austin Co., 985 Mills Bldg., San Francisco 4, Cal. (Well, Kern County, abandoned.)
- KENNEDY COMPANY (Limited Co-partnership),**  
20212 E. Chapman, Orange, Cal.
- \*KENNEY, E. B.,**  
Box 295, Torrance, Cal. (2 wells, Los Angeles County.)
- KERN HILLS OIL COMPANY,**  
Care Ray Frampton, 5956 Alrdrome St., Los Angeles 35, Cal. (Well, Kern County, transferred to Palomar Oil and Refining Corp., September 30, 1950.)
- \*KERN, J.,**  
418 S. Westmoreland Ave., Los Angeles 5, Cal. (6 wells, Los Angeles County.)
- \*KERN OIL COMPANY LIMITED,**  
354 S. Spring St., Los Angeles 13, Cal. (457 wells, Kern County; 52 wells, Los Angeles County.)
- \*KERN PETROLEUM CORPORATION,**  
8555 Artesia Ave., Paramount, Cal. (2 wells, Los Angeles County.)
- KESSON, J. K.,**  
1815 W. 182d St., Gardena, Cal. (Well, Los Angeles County, idle.)
- \*KESSON-SNYDER COMPANY (Not incorporated),**  
1815 W. 182d St., Gardena, Cal. (1 well, Los Angeles County.)
- \*KETTLEMAN NORTH DOME ASSOCIATION,**  
Bin C, Avenal, Cal. (97 wells, Fresno County; 108 wells, Kings County.)
- \*KEYSTONE CONSOLIDATED OIL COMPANY,**  
1622 W. 49th St., Los Angeles 37, Cal. (5 wells, Los Angeles County.)
- KEYSTONE OIL DEVELOPMENT COMPANY (Individual),**  
Box 908, Santa Paula, Cal.
- \*KIESAU, R. M., MRS., AND THE KIESAU ESTATE (Joint Venture),**  
523 Security Bldg., Long Beach 2, Cal. (1 well, Orange County.)
- KILDUMAC OIL CORPORATION,**  
23901 S. Avalon Blvd., Wilmington, Cal. (Well, Los Angeles County, idle.)
- \*KILLINGSWORTH & SMITH, OPERATORS,**  
672 S. Lafayette Park Pl., Suite 27, Los Angeles 5, Cal. (2 wells, Kern County; 5 wells, Orange County.)
- \*KILLINGWORTH, W. M. & M. T.,**  
555 E. Willow St., Long Beach 6, Cal. (8 wells, Los Angeles County.)
- \*KILMER, W. J.,**  
Box 772, Maricopa, Cal. (4 wells, Kern County.)
- KINARD, P. A.,**  
Hotel Holland, Hollister, Cal.
- \*KING OIL AND GAS COMPANY (Partnership),**  
Box K-312, Newhall, Cal. (17 wells, Los Angeles County.)
- KINGSLAND, P. A.,**  
Box 29, Huntington Beach, Cal. (Wells, Orange County, idle.)
- \*KINGSLAND, P. A., & W. W. BRADLEY (Partnership),**  
Box 29, Huntington Beach, Cal. (Well, Orange County, transferred to P. A. Kingsland, September 25, 1950.)
- \*KIRK AND ASSOCIATES,**  
Box 566, Torrance, Cal. (1 well, Los Angeles County.)
- \*KIRK OIL COMPANY,**  
Frannie, Wyo. (Wells, Ventura County, transferred to Robert I. Plomert, February 1, 1950.)
- KIRK, WILLIAM A., & PARTNERS (Not incorporated),**  
Box 566, Torrance, Cal. (Well, Los Angeles County, transferred to Southern Oil Co., January 1, 1950.)
- KIRSCHENMAN, H. J., & A. J. ROGERS (Partnership),**  
Box 1147, Bakersfield, Cal. (Well, Kern County, abandoned.)
- \*KLINE, HARRY AND VIVEAN,**  
12515 Persing Dr., Whittier, Cal. (3 wells, Los Angeles County.)
- \*KOHLBUSH, H. S.,**  
1241 E. Burnett St., Long Beach 6, Cal. (1 well, Los Angeles County; 5 wells, Orange County.)
- \*KORNER, FRANK D.,**  
16 Sanford St., Bradford, Pa. (Wells, Kern County, transferred to Des Moines Oil Co., September 1, 1950.)
- KOSANKE, J. F.,**  
1512 18th St., Bakersfield, Cal.
- KOVA-PET ASSOCIATES (Copartnership),**  
11357 Aqua Vista St., North Hollywood, Cal.
- \*KRAEMER, LAWRENCE P.,**  
Care Harold H. Coyle, Placentia, Cal. (1 well, Orange County.)
- KRAEMER OIL ESTATE (Not incorporated),**  
Care Chester M. Gardiner, 133 E. Philadelphia St., Whittier, Cal. (13 wells, Orange County.)

- \*KUBETZ, SAM,  
770 Irolo St., Los Angeles 5, Cal. (5 wells, Orange County.)
- \*L. & J. OIL COMPANY (Partnership: J. Dykes Johnson, M.D., and C. L. Lunsford, operating as),  
Box 372, Maricopa, Cal. (5 wells, Kern County; 1 well, Los Angeles County.)
- \*L. M. S. OIL COMPANY,  
2451 E. 15th St., Los Angeles 21, Cal. (4 wells, Los Angeles County.)
- L. & W. OIL COMPANY, LTD. (Limited Partnership),  
Care L. B. Lytle, 5420 Village Green, Los Angeles 16, Cal. (Well, Orange County, idle.)
- \*LACAL OIL COMPANY, LIMITED,  
2941 Cherry Ave., Long Beach 7, Cal. (2 wells, Los Angeles County.)
- \*LACK, LESLIE L.,  
1180 E. Wardlow at Orange, Long Beach 7, Cal. (1 well, Los Angeles County.)
- LAGUNA OIL COMPANY,  
4056 S. Vermont Ave., Los Angeles 37, Cal.
- \*LAKE OIL COMPANY,  
6363 Wilshire Blvd., Los Angeles 48, Cal. (2 wells, Los Angeles County.)
- LAKERN OIL COMPANY, INC.,  
323 W. Sixth St., Los Angeles 13, Cal. (Well, Kern County, idle.)
- \*LAKE VIEW OIL COMPANY,  
617 W. Seventh St., Los Angeles 17, Cal. (3 wells, Kern County.)
- \*LAKEPORT PETROLEUM COMPANY,  
124 W. Fourth St., Rm. 489, Los Angeles 13, Cal. (4 wells, Fresno County.)
- \*LANG, ETIENNE, DECEASED, ES-TATE OF (Gladys T. Lang, Administratrix),  
650 S. Grand Ave., Rm. 902, Los Angeles 14, Cal. (19 wells, Kern County.)
- LARSON, IVAR,  
5524 Cherry Ave., Long Beach 5, Cal. (Well, Los Angeles County, abandoned.)
- \*LARSON, RICHARD H. (Gust A. Larson, Trustee),  
5560 Cherry Ave., Long Beach 5, Cal. (1 well, Los Angeles County.)
- \*LA SUNA OIL COMPANY (Dr. L. H. Heacock, operating as),  
1015 E. Compton Blvd., Compton, Cal. (2 wells, Kern County.)
- \*LAS VEGAS LAND AND WATER COMPANY,  
422 W. Sixth St., Los Angeles 14, Cal. (Well, Los Angeles County, transferred to Union Pacific Railroad Co., December 30, 1950.)
- \*LA TIERRA OIL COMPANY,  
1403 N. Lake St., Pasadena 6, Cal. (16 wells, Fresno County.)
- \*LAWLESS, E. P.,  
261 Sacramento St., Coalinga, Cal. (Wells, Fresno County, transferred to Howard H. Bell, Jr., February 28, 1950.)
- \*LAWTON & HANNAMAN,  
Rt. 1, Box 219, Bakersfield, Cal. (19 wells, Kern County.)
- \*LEBOW-McNEE OIL COMPANY,  
Box 478, Torrance, Cal. (16 wells, Kern County; 23 wells, Los Angeles County; 1 gas well, Tulare County.)
- \*LEBOW-McNEE & RUBIN (Partnership),  
Box 478, Torrance, Cal. (2 wells, Orange County.)
- \*LEGION PETROLEUM COMPANY (J. O. Speits and B. E. Cockriel, operating as),  
845 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*LEGION PRODUCING COMPANY (J. O. Speits and B. E. Cockriel, operating as),  
845 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*LEGION SOUTHERN OIL COMPANY (J. O. Speits and B. E. Cockriel, operating as),  
845 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*LEIGH, DON A.,  
9852 Lampson Ave., Garden Grove, Cal. (2 wells, Orange County.)
- LEIGH, DON A., & SONS (Partnership),  
9852 Lampson Ave., Garden Grove, Cal. (Well, Orange County, idle.)
- \*LeMOHN, BERNARD (F. E. Ellis, Trustee),  
510 Grosse Bldg., Los Angeles 14, Cal. (1 well, Los Angeles County.)
- LERNER, WM. F., AND F. W. BAHL (Partnership),  
215 W. Seventh St., Los Angeles 14, Cal. (Well, Orange County, transferred to Sam Kubetz, August 17, 1950.)
- LESCO OIL CORPORATION,  
507 Loma Dr., Los Angeles 13, Cal. (Well, Los Angeles County, abandoned.)
- \*LESPRING OIL COMPANY (Copartnership: Geo. A. McNee and C. H. Lebow, General Partners),  
Care C. H. Lebow, Box 478, Torrance, Cal. (6 wells, Los Angeles County.)
- LESTER, M. H.,  
3443 Plata St., Los Angeles 26, Cal. (Well, Kern County, idle.)
- LIDO PETROLEUM COMPANY,  
(Name changed to Penntex Oil Corporation, May 1, 1950.)
- \*LILLY REALTY CORPORATION,  
Box 644, Bakersfield, Cal. (4 wells, Kern County.)
- \*LINDOW, HOWARD W.,  
5227 Highland, Yorba Linda, Cal. (3 wells, Orange County.)



- \*LITTLE KERN OIL COMPANY (Partnership),**  
3116 Linden Ave., Bakersfield, Cal.  
(Wells, Kern County, transferred to  
West Crude Oil Co., October 16, 1950.)
- \*LLOYD CORPORATION, LTD.,**  
9441 Olympic Blvd., cor. Beverly Dr.,  
Beverly Hills, Cal. (3 wells, Kern  
County; 31 wells, Ventura County.)
- \*LOCKHART, L. M.,**  
824 Wilshire Blvd., Los Angeles 17, Cal.  
(22 wells, Fresno County.)
- \*LOCKWIN OIL & GAS COMPANY,**  
639 S. Spring St., Suite 606, Los Angeles  
14, Cal. (3 wells, Los Angeles  
County.)
- \*LOKERN DEVELOPMENT COM-  
PANY, THE**  
450 W. California St., Pasadena 2, Cal.  
(1 well, Los Angeles County.)
- \*LOMAS, E. H.,**  
20 Pueblo Vista Rd., Santa Barbara,  
Cal. (1 well, Santa Barbara County.)
- \*LOMITA OPERATING COMPANY,**  
523 W. Sixth St., Rm. 430, Los Angeles  
14, Cal. (9 wells, Los Angeles  
County.)
- \*LOMITA SQUARE CORPORATION,**  
3681 E. Foothill Blvd., Pasadena, Cal.  
(1 well, Kern County.)
- \*LONG BEACH, CITY OF,**  
Care Board of Harbor Commissioners,  
Box 318, Long Beach 1, Cal. (2 wells,  
Los Angeles County.)
- \*LONG BEACH OIL DEVELOPMENT  
COMPANY,**  
255 S. Santa Clara Ave., Long Beach 2,  
Cal. (545 wells, Los Angeles County.)
- LONG, HARRY C.,**  
639 S. Spring St., Rm. 910, Los Angeles  
14, Cal. (Well, Fresno County, trans-  
ferred to Graham & Dunlap, January  
1, 1950.)
- LONG, HARRY C., & ASSOCIATES  
(Partnership),**  
639 S. Spring St., Rm. 910, Los Angeles  
14, Cal. (Well, Fresno County, aban-  
doned.)
- \*LOON POINT OIL COMPANY (Copart-  
nership),**  
Box 546, Wilmington, Cal. (1 well,  
Santa Barbara County.)
- \*LOPIN, NICK AND MARTIN, AND  
FRED BEVER,**  
205 S. Helberta Ave., Redondo Beach,  
Cal. (1 well, Los Angeles County.)
- LORENZEN, J. M.,**  
417 14th St., Huntington Beach, Cal.  
(Well, Orange County, idle.)
- LOS ANGELES LEATHER CORPORA-  
TION,**  
2845 Riverside Dr., Los Angeles 26, Cal.  
(Well, Los Angeles County, trans-  
ferred to H-K Exploration Co., Sep-  
tember 29, 1950.)
- \*LOSCAL PETROLEUM COMPANY,**  
714 W. Olympic Blvd., Rm. 703, Los An-  
geles 15, Cal. (6 wells, Kern County.)
- \*LOS FELIZ INVESTMENT COMPANY  
AND MACOIL CORPORATION,**  
815 Paramount Blvd., Clearwater,  
Paramount, Cal. (2 wells, Ventura  
County.)
- \*LOS FELIZ OIL COMPANY (Not in-  
corporated),**  
Care John L. Rowe, 215 W. Seventh St.,  
Los Angeles 14, Cal. (1 well, Los An-  
geles County.)
- \*LOS NIETOS COMPANY,**  
Union Oil Bldg., Los Angeles 17, Cal.  
(29 wells, Kern County; 5 wells,  
Kings County; 3 gas wells, Madera  
County, idle; 9 wells, Ventura  
County; well, Los Angeles County,  
abandoned.)
- \*LOS NIETOS COMPANY AND LUCY  
SMITH BATTSON,**  
617 W. Seventh St., Los Angeles 17, Cal.  
(18 wells, Ventura County.)
- \*LOS NIETOS COMPANY, OPERATOR,**  
617 W. Seventh St., Los Angeles 17, Cal.  
(183 wells, Fresno County.)
- \*LOUDEN, A. J.,**  
911 S. Windsor Blvd., Los Angeles 6,  
Cal. (2 wells, Los Angeles County;  
wells, Santa Barbara County, trans-  
ferred to Fred E. Cole, May 10, 1950.)
- \*LOVELADY SUPPLY COMPANY,**  
3301 Cherry Ave., Long Beach 7, Cal.  
(1 well, Los Angeles County.)
- \*LUCAS, ANDREW,**  
3201 W. Mission Rd., Alhambra, Cal.  
(1 well, Ventura County.)
- \*LUCAS, D. D.,**  
Box 665, Bakersfield, Cal. (58 wells,  
Kern County.)
- \*LUCKY FIVE OIL COMPANY, THE**  
448 S. Hill St., Los Angeles 13, Cal. (4  
wells, Kern County.)
- \*LUCKY STRIKE OIL COMPANY,  
LTD.,**  
3075 Cherry Ave., Long Beach 7, Cal.  
(7 wells, Orange County.)
- LUSTGARTEN, EDWARD,**  
9649 Olympic Blvd., Beverly Hills, Cal.  
(Well, Orange County, idle.)
- LYNDON & DeSPAIN (Partnership:**  
Stanley Lyndon and B. C. DeSpain,  
operating as),  
5641 St. Ann St., Cypress, Cal. (Well,  
Orange County, idle.)
- LYNDON, STANLEY,**  
5230 The Toledo, Long Beach 3, Cal.  
(Well, Orange County, idle.)
- LYON, AUBREY,**  
8195 Lankershim Blvd., North Holly-  
wood, Cal. (Well, Riverside County  
transferred to Petroleum Production  
Engineers, April 30, 1950.)
- LYONS, GEORGE P.,**  
Box 3, Huntington Beach, Cal.
- LYLTE EXPLORATION (Limited Part-  
nership),**  
714 W. Olympic Blvd., Rm. 1110, Los  
Angeles 15, Cal. (Well, Los Angeles  
County, abandoned.)



- \*LYTLE, ROBERT S., OPERATOR,**  
714 W. Olympic Blvd., Los Angeles 15,  
Cal. (Wells, Fresno County, trans-  
ferred to Los Nietos Co., Operator.  
March 1, 1950.)
- M & A OIL COMPANY (Limited Part-  
nership),**  
821 C. C. Chapman Bldg., Los Angeles  
14, Cal. (Wells, Orange County, idle.)
- \*M. A. K. PETROLEUM CORPORA-  
TION,**  
530 W. Sixth St., Rm. 1321, Los Angeles  
14, Cal. (Wells, Los Angeles County,  
transferred to J. L. O'Donnell, May 1,  
1950.)
- M. B. H. DRILLING COMPANY (Co-  
partnership),**  
994 Belmont St., Bellflower, Cal. (Well,  
Los Angeles County, idle.)
- M. B. & N. OIL COMPANY (Partner-  
ship),**  
Box 891, Coalinga, Cal. (Well, Fresno  
County, transferred to Twenty Wells,  
Inc., February 28, 1950.)
- \*M. B. S. OIL COMPANY (Fictitious  
Name),**  
417 S. Hill St., Los Angeles 13, Cal. (5  
wells, Kern County.)
- \*M. & C. OIL COMPANY (Partnership),**  
Box 1500, Bakersfield, Cal. (3 wells,  
Los Angeles County.)
- \*M. G. N. OIL COMPANY (C. M. Morse,  
George Greyel, J. A. Novelli, operat-  
ing as),**  
3328 Elm Ave., Long Beach 7, Cal.  
(Wells, Los Angeles County, trans-  
ferred to Wilson Gregory, March 15,  
1950.)
- \*M. G. N. OIL COMPANY, INC.,**  
3328 Elm Ave., Long Beach 7, Cal. (2  
wells, Los Angeles County.)
- \*M. & H. OIL CORPORATION,**  
5678 Wilshire Blvd., Los Angeles 36,  
Cal. (1 well, Orange County.)
- \*M. K. F. OIL COMPANY,**  
398 Wisconsin Ave., Long Beach 14,  
Cal. (1 well, Orange County.)
- \*M. & M. ASSOCIATES (Limited Copart-  
nership),**  
Box 518, Newhall, Cal. (2 wells, Ven-  
tura County.)
- \*M. S. OIL COMPANY (Partnership),**  
7701 Bellaire, North Hollywood, Cal.  
(6 wells, Kern County.)
- \*M. T. M. OIL COMPANY (Partnership),**  
Box 508, Maricopa, Cal. (1 well, Kern  
County.)
- \*MacDONALD, A. M.,**  
Box 354, McKittick, Cal. (3 wells,  
Kern County.)
- \*MacDONALD AND BURNS,**  
Box 266, Torrance, Cal. (13 wells, Los  
Angeles County.)
- \*MACK OIL COMPANY (Copartnership),**  
2405 Orange Ave., Long Beach 6, Cal.  
(1 well, Los Angeles County.)
- MACEY, B. C.,**  
Box 67, Station A, Bakersfield, Cal.
- \*MACLIFF OIL COMPANY (Partner-  
ship),**  
Care E. W. MacLean, 7021 Hollywood  
Blvd., Hollywood, Cal. (Well, Los  
Angeles County, transferred to Alex-  
ander D. Amatuzio, July 5, 1950.)
- \*MACMILLAN PETROLEUM CORPO-  
RATION,**  
530 W. Sixth St., Rm. 1010, Los An-  
geles 14, Cal. (7 wells, Los Angeles  
County.)
- \*MACOIL CORPORATION,**  
2398 California Ave., Long Beach 6,  
Cal. (8 wells, Kern County; 1 well,  
Los Angeles County; 98 wells, Orange  
County; total wells, 107.)
- \*MACRATE OIL COMPANY (Partner-  
ship: Arthur N. Macrate, Jr., and  
William F. Macrate, operating as),**  
3341 Cherry Ave., Long Beach 7, Cal.  
(9 wells, Los Angeles County.)
- \*MACROM OIL COMPANY (Partner-  
ship),**  
106 Honolulu Terrace, Whittier, Cal. (2  
wells, Los Angeles County.)
- \*MACSON OIL COMPANY,**  
148 S. Beverly Dr., Beverly Hills, Cal.  
(23 wells, Kern County; 4 wells, Santa  
Barbara County.)
- MACSON OIL CORPORATION,**  
148 S. Beverly Dr., Beverly Hills, Cal.  
(Well, Kern County, abandoned.)
- \*MAGEE, HARRY H., OPERATOR,**  
4163 Piedmont Ave., Oakland 11, Cal.  
(30 oil wells, Kern County; gas wells,  
Kern and Tulare Counties, idle.)
- \*MAIER, CARL, SYNDICATE (J. C.  
Jessen, Trustee),**  
Box 67, La Canada, Cal. (2 wells, Los  
Angeles County.)
- \*MALLON, FELIX,**  
2518 Cerritos Ave., Long Beach 6, Cal.  
(2 wells, Los Angeles County.)
- \*MANEY, E. W.,**  
1532 La Vista Del Oceano Dr., Santa  
Barbara, Cal. (2 wells, Santa Bar-  
bara County.)
- \*MANGES, C. A.,**  
Box 229, Venice, Cal. (1 well, Los An-  
geles County.)
- MANKIN, O. E., C. H. JOHNSON, EMIL  
A. JOHNSON (Partnership),**  
17810 Norwalk Blvd., Artesia, Cal.
- \*MANKS OIL COMPANY (Limited Part-  
nership),**  
Box 972, Santa Maria, Cal. (Well,  
Orange County, transferred to W. E.  
Medearis, October 25, 1950.)
- \*MANLEY, MARTHA, MRS.,**  
Care Carroll M. Manley, 1659 Hill Dr.,  
Los Angeles 41, Cal. (5 wells, Los  
Angeles County.)
- \*MANLEY & McGINN (Copartnership),**  
30 Amador, Atherton, Cal. (23 wells,  
Kern County.)
- \*MANLEY OIL COMPANY (Copartner-  
ship),**  
1329 Court St., Los Angeles 26, Cal. (8  
wells, Los Angeles County.)

- MANNING, FRED M., INC.,**  
612 S. Flower St., Los Angeles 14, Cal.  
(Well, Ventura County, abandoned.)
- \*MARBLE PETROLEUM CORPORATION,**  
Box 292, Hermosa Beach, Cal. (4 wells,  
Los Angeles County.)
- \*MARCOUX, E. G.,**  
1937 Orizaba Ave., Long Beach 4, Cal.  
(3 wells, Los Angeles County.)
- \*MARDICK PETROLEUM COMPANY**  
(Limited Copartnership),  
125 S. Crescent Dr., Beverly Hills, Cal.  
(4 wells, Orange County.)
- MAREX OIL COMPANY (Limited**  
Copartnership),  
Box 550, Huntington Beach, Cal. (Well,  
Kern County, transferred to R. B.  
O'Meara and J. H. Siemon, March  
23, 1950.)
- \*MARIAN DEVELOPMENT CORPORATION,**  
1098 E. Wardlow Road, Long Beach 7,  
Cal. (Wells, Orange County, trans-  
ferred to Sam Kubetz, June 1, 1950.)
- \*MARILYN OIL COMPANY (Partner-**  
ship),  
Box 324, Huntington Beach, Cal. (1  
well, Orange County.)
- \*MARINE EXPLORATION COMPANY,**  
1000 Jergins Trust Bldg., Long Beach  
2, Cal. (1 well, Los Angeles County.)
- \*MARION, J. H.,**  
Box 108, Huntington Beach, Cal. (8  
wells, Orange County.)
- \*MARION, JOHN H.,**  
Box 108, Huntington Beach, Cal. (2  
wells, Los Angeles County.)
- \*MARKEL OIL COMPANY (Partner-**  
ship),  
Care Carlton Beal, 11699 Bellagio Rd.,  
Los Angeles 49, Cal. (2 wells, Fresno  
County.)
- MARKER FOUNDATION, INC.,**  
410 E. Third St., Long Beach, Cal.  
(Wells, Tehama County, abandoned.)
- \*MARKHAM, EDGAR L. (J. J. Baker,**  
Receiver),  
2813 Orchard Pl., South Gate, Cal. (2  
wells, Los Angeles County.)
- MARKS, MORRIS B.,**  
732 N. Hayworth Ave., Los Angeles 46,  
Cal.
- \*MARR, M. H.,**  
Marr Ranch, Santa Susana, Cal. (16  
wells, Ventura County.)
- \*MAR RICO OIL COMPANY,**  
Care Faries & McDowell, 1275 Subway  
Terminal Bldg., Los Angeles 13, Cal.  
(1 well, Orange County.)
- \*MAR-ROO SYNDICATE (Partnership),**  
Box 108, Huntington Beach, Cal. (3  
wells, Orange County; well, San Luis  
Obispo County, abandoned.)
- \*MARSHALL, IRA A., JR.,**  
554 S. Van Ness, Los Angeles 5, Cal.  
(1 well, Los Angeles County.)
- \*MARTIN, FLORENCE M.,**  
271 Granada, Long Beach 3, Cal. (Well,  
Los Angeles County, transferred to  
Ira A. Marshall, Jr., November 4,  
1950.)
- \*MARTIN, HUGH B.,**  
Care Marryhue Ranch, Campo, Cal. (1  
well, Los Angeles County.)
- MARTIN OIL COMPANY (Alton L. Mar-**  
tin, operating as),  
1321 W. 10th St., Santa Ana, Cal. (Well,  
Orange County, idle.)
- MARTIN OIL COMPANY,**  
311 S. Vermont Ave., Los Angeles 5,  
Cal.
- \*MARVIC ASSOCIATES, LTD. (Partner-**  
ship),  
827 S. Gramercy Dr., Los Angeles 5,  
Cal. (6 wells, Kern County.)
- \*MARVIEW OIL COMPANY,**  
110 Pine Ave., Rm. 523, Long Beach 2,  
Cal. (1 well, Orange County.)
- MARVIN, L. JEAN,**  
523 W. Sixth St., Rm. 212, Los Angeles  
14, Cal. (Wells, Kern County, idle.)
- \*MAR VISTA OIL COMPANY,**  
1746 Correa Way, Los Angeles 49, Cal.  
(2 wells, Los Angeles County.)
- \*MARYA OIL COMPANY,**  
437 S. Hill St., Rm. 402, Los Angeles  
13, Cal. (1 well, Los Angeles County.)
- \*MASCOT OIL COMPANY,**  
124 W. Fourth St., Rm. 489, Los Angeles  
13, Cal. (50 wells, Kern County.)
- \*MASON, W. P., AND MARGUERITE**  
V. MASON,  
Box 302, Bakersfield, Cal. (Well, Kern  
County, transferred to Miller and  
York Oil Operations, August 1, 1950.)
- \*MASSEY & ASSOCIATES,**  
1469 E. 29th St., Long Beach 7, Cal. (2  
wells, Los Angeles County.)
- MASSEY-SMITH AND ASSOCIATES**  
(Limited Partnership),  
1469 E. 29th St., Long Beach 7, Cal.  
(Well, Orange County, transferred to  
McGuckin and Bennigsdorf Oil Co.,  
March 1, 1950.)
- \*MATHIS, E. H.,**  
2789 McConnell Dr., Palm Station, Los  
Angeles 34, Cal. (3 wells, Orange  
County.)
- MAURER, J. H., AND ARTHUR C.**  
FISHER (Partnership),  
412 W. Sixth St., Rm. 206, Los Angeles  
14, Cal. (Wells, Kern County, aban-  
doned.)
- MAWACO DEVELOPMENT COMPANY**  
(Partnership),  
11236 Camarillo, North Hollywood, Cal.
- \*MAWACO, INC.,**  
Care S. S. Gill, 214 W. Seventh St., Los  
Angeles 14, Cal. (Wells, Los Angeles  
County, transferred to Pax Oil Corp.,  
November 27, 1950.)
- MAYES, A. S.,**  
Santa Lucia Inn., Salinas, Cal. (Wells,  
San Benito and San Luis Obispo  
Counties, abandoned.)

**MAYFLOWER OIL COMPANY** (Copartnership: J. W. Rice and Fay L. Wright, operating as),  
Care Ben McNeill, 810 S. Spring St.,  
Los Angeles 14, Cal.

**\*MAYO & FOURL,**  
1465 E. 29th St., Long Beach 7, Cal. (5  
wells, Los Angeles County.)

**\*MAYO, L. T.,**  
2007 Parkside Ave., Burbank, Cal. (6  
wells, Los Angeles County.)

**\*McALMOND, HUGH,**  
Box 721, Marine Dr., Bremerton, Wash.  
(1 well, Los Angeles County.)

**\*McBO OIL COMPANY** (Partnership),  
2405 Orange Ave., Long Beach 6, Cal.  
(1 well, Los Angeles County.)

**\*McBRIDE, J. W.,**  
420 W. 120th St., Los Angeles 3, Cal.  
(3 wells, Los Angeles County.)

**\*McCALLEN, M. M.,**  
Box 550, Huntington Beach, Cal. (1  
well, Orange County.)

**\*McCASLIN, W. E.-E. B. KENNEY,**  
Box 295, Torrance, Cal. (2 wells, Los  
Angeles County.)

**McCREARY AND WALTON** (Partnership),  
346 N. Vermont, Los Angeles 4, Cal.

**McCROSKY ESTATE,**  
Orcutt, Cal. (Wells, Santa Barbara  
County, idle.)

**\*McCULLOUGH, I. J.,**  
5820 S. Alameda St., Los Angeles 58,  
Cal. (1 well, Los Angeles County.)

**\*McDONALD, DAN, JR.,**  
Palmdale, Cal. (1 well, San Benito  
County.)

**\*McDONALD, JOSEPH, OIL COMPANY**  
(Joseph M. Thomas, operating as),  
Rt. 1, Box 59, Fellows, Cal. (26 wells,  
Kern County.)

**McFANN DRILLING COMPANY** (Lottie  
B. McFann, operating as),  
3901 Cedar Ave., Long Beach 7, Cal.  
(Well, Los Angeles County, abandoned.)

**McGEE OIL COMPANY** (Julia B. McGee, operating as),  
4177 South Western Ave., Los Angeles  
62, Cal. (Well, Orange County, idle.)

**\*McGRATH, WARREN F.,**  
Care Karl B. Rodi, 714 W. Olympic  
Blvd., Rm. 1050, Los Angeles 15, Cal.  
(3 wells, Los Angeles County.)

**\*McGUCKIN AND BENNIGSDORF OIL  
COMPANY** (Partnership),  
1001 Florida Ave., Huntington Beach,  
Cal. (1 well, Orange County.)

**McKEE OIL COMPANY** (J. O. Spelts and  
B. E. Cockriel, operating as),  
845 E. Willow St., Long Beach 6, Cal.  
(Well, Los Angeles County, idle.)

**McKENZIE, WILLIAM T.,**  
Kelseyville, Cal.

**McKEON, JOHN, AND EDWIN A. FOX**  
(Partnership),  
432 S. New Hampshire St., Los Angeles  
5, Cal.

**\*McKEON, MARIE, ESTATE OF** (Julia  
Alice Connolly, Administratrix),  
1272 Court St., Los Angeles 26, Cal. (2  
wells, Los Angeles County.)

**\*McKEON, PAUL, AND ASSOCIATES**  
(Partnership),  
2999 Walnut Ave., Long Beach 6, Cal.  
(1 well, Los Angeles County.)

**\*McLENNAN, D. K.,**  
Box 284, Fellows, Cal. (15 wells, Kern  
County.)

**\*McMANUS OIL COMPANY** (Helen Mc-  
Manus, operating as),  
Box 407, Bakersfield, Cal. (45 wells,  
Kern County.)

**\*McNALLY, GEORGE H.,**  
Rt. 1, 18442 Goldenwest, Huntington  
Beach, Cal. (Well, Orange County,  
transferred to P. A. Kingsland and  
W. W. Bradley, January 21, 1950.)

**\*McQUAID, JOHN,**  
Box 635, Newhall, Cal. (Well, Ventura  
County, transferred to Aeco Corp.,  
May 10, 1950.)

**McVICAR, H. H.,**  
Box 550, Huntington Beach, Cal. (Well,  
Los Angeles County, abandoned.)

**\*McVICAR-ROOD,**  
Box 550, Huntington Beach, Cal. (10  
wells, Orange County.)

**\*McVICAR-ROOD-McCALLEN** (Limited  
Copartnership),  
Box 550, Huntington Beach, Cal. (1  
well, Orange County.)

**\*McVICAR-ROOD MONTEBELLO LIM-  
ITED** (H. H. McVicar and C. M. Rood,  
operating as),  
Box 550, Huntington Beach, Cal. (4  
wells, Los Angeles County.)

**\*MEDEARIS, PAUL A.,**  
21000 S. Normandie Ave., Torrance,  
Cal. (2 wells, Los Angeles County.)

**\*MEDEARIS, W. E.,**  
Box 251, Midway City, Cal. (4 wells,  
Orange County.)

**\*MEEKER, WARREN L.,**  
612 S. Flower St., Rm. 636, Los Angeles  
13, Cal. (21 wells, Los Angeles  
County.)

**\*MEEKER, WARREN L., AND RUS-  
SELL D. GARNER,**  
612 S. Flower St., Rm. 636, Los Angeles  
13, Cal. (3 wells, Los Angeles County;  
wells, Kern and Orange Counties,  
idle.)

**\*MEMCO OIL CORPORATION,**  
139 S. Beverly Dr., Beverly Hills, Cal.  
(15 wells, Los Angeles County.)

**\*MENVEG, EMIL L.,**  
Box 128, Wilmington, Cal. (1 well, Los  
Angeles County.)

**\*MERCHANTS PETROLEUM COM-  
PANY,**  
Box 96, Fillmore, Cal. (7 wells, Ventura  
County.)

- MERCURY OIL COMPANY (Partnership),**  
611 E. 92d St., Los Angeles 2, Cal.  
(Well, San Bernardino County, idle.)
- \*MERIDIAN OIL COMPANY (Copartnership),**  
Box 1736, Bakersfield, Cal. (17 wells, Kern County.)
- \*MERRITT ANNEX OIL COMPANY,**  
Care H. W. Wilson, 612 S. Flower St.,  
Rm. 235, Los Angeles 17, Cal. (5 wells, Kern County.)
- \*MERRITT BROS. (Partnership: J. B. Merritt and J. C. Merritt, operating as),**  
600 S. Chester Ave., Bakersfield, Cal.  
(2 wells, Kern County.)
- \*MICHELIN, JAMES,**  
621 S. Spring St., Rm. 811, Los Angeles 14, Cal. (4 wells, Los Angeles County.)
- MID-CAL OIL AND GAS COMPANY,**  
250 Primrose Rd., Burlingame, Cal.
- \*MIDDLE DOME CORPORATION,**  
605 W. Olympic Blvd., Los Angeles 15, Cal. (2 wells, Kings County.)
- \*MIDLAND PETROLEUM COMPANY,**  
813 E. Willow St., Long Beach 6, Cal.  
(Wells, Los Angeles County, transferred to Hembrook Oil Co., October 1, 1950.)
- \*MIDNIGHT OIL COMPANY (Copartnership),**  
Box 1557, Bakersfield, Cal. (1 well, Los Angeles County.)
- \*MID STATE PETROLEUM COMPANY,**  
4354 W. Third St., Los Angeles 22, Cal.  
(42 wells, Kern County.)
- MIDWAY OIL COMPANY,**  
417 S. Hill St., Rm. 708, Los Angeles 13, Cal. (Well, Santa Barbara County, idle.)
- \*MILLER AND FORD,**  
398 Wisconsin Ave., Long Beach 14, Cal. (9 wells, Orange County.)
- \*MILLER, H. E.,**  
426 Main St., Huntington Beach, Cal.  
(3 wells, Orange County.)
- \*MILLER, HOWARD P.,**  
131 Chapala St., Santa Barbara, Cal.  
(3 wells, Santa Barbara County.)
- \*MILLER, JERRY B., MELVILLE S. MILLER, KENNETH M. MANLEY (Partnership),**  
Care J. B. Miller, 350 S. Arroyo Blvd.,  
Pasadena 2, Cal. (1 well, Los Angeles County.)
- \*MILLER, LOUIS**  
1201 Temple St., Los Angeles 26, Cal.  
(1 well, Los Angeles County.)
- \*MILLER AND MILLER (Copartnership: Johnnie W. Miller and Anna M. Miller, operating as),**  
1501 Daisy Ave., Long Beach 6, Cal.  
(5 wells, Los Angeles County.)
- MILLER, ROBERT H., OPERATOR,**  
1385 Westwood Blvd., Los Angeles 24, Cal.
- \*MILLER & YORK OIL OPERATIONS (Partnership),**  
Box 1664, Bakersfield, Cal. (2 wells, Kern County.)
- \*MILLIGAN, GEO.,**  
3516 Atlantic Ave., Long Beach 7, Cal.  
(1 well, Los Angeles County.)
- \*MILLS, KENNETH,**  
4250 Gardenia Ave., Long Beach 7, Cal.  
(2 wells, Los Angeles County.)
- \*MILTON OIL CORPORATION,**  
5678 Wilshire Blvd., Los Angeles 36, Cal. (1 well, Orange County.)
- \*MINERAL OIL COMPANY (Copartnership: Francis J. Gordon and J. O. Speits, operating as),**  
845 E. Willow St., Long Beach 6, Cal.  
(1 well, Los Angeles County.)
- MINERALS AND PETROLEUM DEVELOPMENT CORPORATION,**  
414 Bank of America Bldg., Stockton, Cal.
- \*MINNESOTA OIL COMPANY,**  
2700 Cherry Ave., Long Beach 6, Cal.  
(Well, Orange County, abandoned.)
- \*MISSION OIL COMPANY,**  
530 W. Sixth St., Los Angeles 14, Cal.  
(2 wells, Fresno County.)
- MITCHEL, GLEN H.,**  
650 S. Grand Ave., Los Angeles 14, Cal.  
(Well, Kern County, transferred to Leroy C. Gould, January 30, 1950.)
- \*MITCHELL, EDWARD H., COMPANY (Not incorporated),**  
Care Allen G. Mitchell, 1950 Newell Dr.,  
Palo Alto, Cal. (13 wells, Kern County.)
- \*MITCHELL, R. B., & COMPANY (R. B. Mitchell, operating as),**  
3095 Atlantic Ave., Long Beach 7, Cal.  
(2 wells, Los Angeles County.)
- \*MITCHELL, R. B., OIL COMPANY,**  
3095 Atlantic Ave., Long Beach 7, Cal.  
(Well, Los Angeles County, transferred to R. B. Mitchell & Co., February 1, 1950.)
- \*MITCHELL, WALTER H.,**  
7352 15th St., Westminster, Cal. (1 well, Orange County.)
- \*MOBERG, HAROLD E.,**  
Box 584, Palo Alto, Cal. (Well, Los Angeles County, transferred to P. H. & B. Oil Co., May 18, 1950.)
- \*MOCAL CORPORATION,**  
356 S. Broadway, Los Angeles 13, Cal.  
(15 wells, Kern County.)
- \*MOFFITT & MANGES OIL COMPANY (Not incorporated),**  
Box 229, Venice, Cal. (1 well, Los Angeles County.)
- \*MOHAWK PETROLEUM CORPORATION,**  
726 Financial Center Bldg., San Francisco 4, Cal. (24 wells, Kern County; well, Santa Barbara County, abandoned.)
- \*MONTEREY EXPLORATION COMPANY,**  
1000 Jergins Trust Bldg., Long Beach 2, Cal. (36 wells, Kern County.)

- \***MOON OIL COMPANY**,  
398 Wisconsin Ave., Long Beach 14,  
Cal. (1 well, Los Angeles County.)
- \***MOORE, R. W.**,  
1038 Broad Ave., Wilmington, Cal. (4  
wells, Los Angeles County.)
- \***MORGAN, FRED (Partnership)**,  
1605 Apco Tower, Oklahoma City,  
Okla.; California address: Care Lyle  
Kesselman, 249 E. 31st St., Long  
Beach 7, Cal. (1 well, Los Angeles  
County.)
- MORGAN, GEORGE**,  
Box 3, Yorba Linda, Cal. (Well, Orange  
County, abandoned.)
- \***MORGAN OIL COMPANY (Partnership)**,  
Rt. 1, Box 1, Yorba Linda, Cal. (4 wells,  
Orange County.)
- \***MORRIS, MARK**,  
Box 1752, Bakersfield, Cal. (4 wells,  
Kern County.)
- \***MORRIS, MARK, & ASSOCIATE (Partnership)**,  
Box 1752, Bakersfield, Cal. (1 well,  
Kern County.)
- \***MORRISON, C. S.**,  
1803 Alta Vista Dr., Bakersfield, Cal.  
(60 wells, Kern County.)
- \***MORROW, TEVIS F.**,  
850 Moraga Dr., Bel-Air, Los Angeles  
49, Cal. (1 well, Kern County; 15  
wells, Los Angeles County.)
- MORTIMER, HARRY B., AND R. L. RASMUSSEN (Partnership)**,  
Merchandise Mart, Chicago, Ill.
- \***MORTON AND DOLLEY (Copartnership: Harold C. Morton and Chester F. Dolley, operating as)**,  
523 W. Sixth St., Rm. 810, Los Angeles  
14, Cal. (1 well, Kern County; 64  
wells, Los Angeles County; 7 wells,  
Orange County.)
- \***MORTON, HAROLD C.**,  
1241 E. Burnett St., Long Beach 6, Cal.  
(13 wells, Los Angeles County; 7  
wells, Orange County.)
- \***MORTON, HAROLD C., AND H. S. KOHLBUSH (Copartnership)**,  
1241 E. Burnett St., Long Beach 6, Cal.  
(8 wells, Kern County; 7 wells, Los  
Angeles County; 10 wells, Orange  
County.)
- \***MORTON AND SONS (Partnership)**,  
1241 E. Burnett St., Long Beach 6, Cal.  
(2 wells, Orange County.)
- \***MOSIER, M. H., SPECIAL (Not incorporated)**,  
Security Title Insurance Bldg., Los  
Angeles 14, Cal. (3 wells, Orange  
County.)
- \***MT. DIABLO COMPANY**,  
631 American Ave., Long Beach 12, Cal.  
(87 wells, Kern County.)
- \***MUIR AND FRANCIS (Not incorporated)**,  
Box 632, Atwood, Cal. (1 well, Orange  
County.)
- \***MUNDING, CHARLES**,  
Rt. 2, Box 242-A, Santa Maria, Cal.  
(Wells, Santa Barbara County,  
transferred to Crown Oil Co., April  
11, 1950.)
- \***MUNDING, CHAS., & CLARENCE MUNDING (Partnership)**,  
Rt. 2, Box 242-A, Santa Maria, Cal. (2  
Wells, Santa Barbara County.)
- MURPHY BROS., LTD.**,  
817 Yale St., Los Angeles 12, Cal. (Well,  
Kern County, transferred to Helen  
K. Biszantz, February 23, 1950.)
- MURRAY, WILLIAM J.**,  
1376 E. Colorado Blvd., Pasadena, Cal.  
(Well, San Luis Obispo County, abandoned.)
- \***MURVALE OIL COMPANY**,  
Box 3495, San Francisco 20, Cal. (79  
oil wells, 7 gas wells, Kern County.)
- MYERS, ARCHIE C.**,  
2117 Bank St., Bakersfield, Cal. (Well,  
Los Angeles County, abandoned.)
- MYERS, H. H.**,  
3516 Atlantic Ave., Long Beach 7, Cal.
- \***NAKOMIS OIL COMPANY (Donald M. Smith, operating as)**,  
743 E. Willow St., Long Beach 6, Cal.  
(Well, Los Angeles County, transferred to Atlantic Oil Co., June 16,  
1950.)
- \***NATIONAL DRILLING COMPANY (Partnership: B. E. Cockriel and J. O. Spelts, operating as)**,  
845 E. Willow St., Long Beach 6, Cal.  
(1 well, Los Angeles County.)
- \***NATIONAL ENTERPRISES, INC.**,  
617 Truxtun Ave., Bakersfield, Cal. (1  
well, Kern County.)
- \***NATIONAL OIL COMPANY**,  
609 S. Grand Ave., Rm. 1302, Los Angeles  
17, Cal. (125 wells, Kern  
County.)
- \***NATOLI, SALVATORE, JR.**,  
2400 Lincoln Ave., Montebello, Cal. (1  
well, Los Angeles County.)
- \***NATURAL GAS CORPORATION OF CALIFORNIA**,  
369 Pine St., San Francisco 4, Cal. (2  
dry gas wells, Kings County; 2 dry  
gas wells, Madera County; 5 dry gas  
wells, Sacramento County; 1 dry gas  
well, Solano County; 1 dry gas well,  
Yolo County.)
- \***NATURAL GASOLINE COMPANY**,  
Box 556, Tustin, Cal. (13 wells, Kern  
County; 1 well, Los Angeles County.)
- \***NAVY OIL COMPANY, INC.**,  
Box 1147, Bakersfield, Cal. (1 well,  
Santa Barbara County.)
- \***NEEDHAM, NEIL C.**,  
Box 2122, Terminal Annex, Los Angeles  
54, Cal. (1 well, Ventura County.)
- \***NELSON-PHILLIPS OIL COMPANY**,  
239 S. Robertson Blvd., Beverly Hills,  
Cal. (18 wells, Los Angeles County.)

- NELSON, ROSS O.,**  
80 16th St., Hermosa Beach, Cal. (Well, Kern County, idle.)
- \*NELSONS AND ASSOCIATES (Limited Partnership),**  
3090 California Ave., Long Beach 7, Cal. (1 well, Los Angeles County.)
- \*NEVADA PETROLEUM COMPANY,**  
5705 W. Olympic Blvd., Los Angeles 36, Cal. (Wells, Los Angeles County, transferred to Nevada Petroleum Corp., July 1, 1950.)
- \*NEVADA PETROLEUM CORPORATION,**  
5705 W. Olympic Blvd., Los Angeles 36, Cal. (3 wells, Los Angeles County.)
- NEWELL, WILLIAM E., AND EDWARD J. LATNER,**  
8687 Melrose Ave., Shop 15, Los Angeles 46, Cal.
- \*NEWHALL REFINING COMPANY (Partnership),**  
Box 638, Newhall, Cal. (7 wells, Los Angeles County.)
- NEWTON, MAX A.**  
Box 891, Coalinga, Cal. (Wells, Fresno County, abandoned.)
- NEWTON, MAX A., AND FRANK M. TAYLOR,**  
Box 567, Coalinga, Cal. (Wells, Fresno County, transferred to James M. Conlon Company, January 1, 1950.)
- \*NICHOLAS, WM. HOWARD, AND M. PHILIP DAVIS (Copartnership),**  
634 S. Spring St., Los Angeles 15, Cal. (Well, San Benito County, transferred to Ciervo Oil Corp., July 1, 1950.)
- \*NICOLAI & REDMAN (Partnership),**  
2907 E. Seventh St., Long Beach 4, Cal. (1 well, Orange County.)
- \*NICOLAI, W. E.,**  
2907 E. Seventh St., Long Beach 4, Cal. (4 wells, Los Angeles County; 4 wells, Orange County.)
- \*NICOLAI, W. E., & ASSOCIATES (Partnership),**  
2907 E. Seventh St., Long Beach 4, Cal. (1 well, Orange County.)
- \*NICOLAI, W. E., AND FRED C. CHRIST (Partnership),**  
2907 E. Seventh St., Long Beach 4, Cal. (2 wells, Orange County.)
- \*NORBEL OIL COMPANY (Partnership),**  
Professional Bldg., Rm. 1, Bakersfield, Cal. (3 wells, Kern County.)
- \*NORTH AMERICAN OIL CONSOLIDATED,**  
300 Montgomery St., Rm. 832, San Francisco 4, Cal. (153 wells, Kern County; well, San Benito County, abandoned.)
- NORTH COALINGA OIL COMPANY (Copartnership: Howard H. Bell, Jr., Earl Fleisher, Max A. Newton, H. H. Newton and Rex L. Pressey, operating as),**  
Box 567, Coalinga, Cal.
- \*NORTHBRIDGE OIL COMPANY,**  
941 Westwood Blvd., Rm. 207, Los Angeles 24, Cal. (3 wells, Los Angeles County; wells, Ventura County, abandoned.)
- \*NORTHSIDE OIL COMPANY,**  
845 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- \*NORTH STAR MINING AND DEVELOPMENT COMPANY,**  
1622 W. 49th St., Los Angeles 37, Cal. (3 wells, Los Angeles County.)
- NORTH WEST CUYAMA OIL COMPANY (Partnership),**  
827 S. Gramercy Dr., Los Angeles 5, Cal. (Well, San Luis Obispo County, abandoned.)
- \*NORTHWEST SYNDICATE AND THE BRITISH-AMERICAN OIL PRODUCING COMPANY (Partnership),**  
704 S. Spring St., Rm. 1004, Los Angeles 14, Cal. (2 wells, Fresno County.)
- \*NUTT, I. B.,**  
321 E. Greystone Ave., Monrovia, Cal. (2 wells, Los Angeles County.)
- \*O. D. OIL COMPANY (Fred O'Brien and Albert Degreef, operating as),**  
4501 E. Broadway, Long Beach 3, Cal. (3 wells, Orange County.)
- \*O. M. OIL COMPANY (Not incorporated),**  
4501 E. Broadway, Long Beach 3, Cal. (2 wells, Kern County; 3 wells, Los Angeles County.)
- \*O. W. S. OIL COMPANY (Copartnership),**  
2405 Orange Ave., Long Beach 6, Cal. (4 wells, Kern County.)
- \*OAK CANYON OIL COMPANY,**  
3773 Crenshaw Blvd., Los Angeles 16, Cal. (4 wells, Los Angeles County.)
- \*OAKES, R. F., E. E. COMBS, ET AL. (Partnership),**  
3275 Cherry Ave., Long Beach 7, Cal. (2 wells, Los Angeles County.)
- OASIS OIL COMPANY (Limited Partnership),**  
Box 164, Lemoore, Cal. (Well, Kern County, abandoned.)
- \*OBISPO OIL COMPANY,**  
Box 341, San Luis Obispo, Cal. (14 wells, Kern County.)
- \*O'BRIEN, HOWARD F.,**  
Box 222, Huntington Beach, Cal. (8 wells, Orange County.)
- \*O'BRIEN, THOMAS J.,**  
903 College St., Los Angeles 12, Cal. (9 wells, Los Angeles County.)
- \*OCEAN FRONT OIL COMPANY,**  
2292 American Ave., Long Beach 6, Cal. (1 well, Orange County.)
- \*OCEANIC OIL COMPANY,**  
811 W. Seventh St., Suite 406, Los Angeles 17, Cal. (58 wells, Kern County; 3 wells, Los Angeles County; wells, Fresno and Santa Barbara Counties, abandoned.)



- \*O'CONNOR, J. S.,**  
Box 724, Santa Fe Springs, Cal. (Well, Orange County, transferred to Muir and Francis, January 26, 1950.)
- \*O'DONNELL, C. E., OIL COMPANY (C. E. O'Donnell, operating as),**  
4733 Keniston Ave., Los Angeles 43, Cal. (Wells, Santa Barbara County, transferred to Frank D. Carroll and Madeline S. Schoff, March 13, 1950.)
- \*O'DONNELL, J. L.,**  
3350 Olive Ave., Long Beach 7, Cal. (34 wells, Los Angeles County; 1 well, Orange County.)
- OGLE, ROBERT W.,**  
180 N. Grand Ave., Pasadena, Cal. (Wells, Orange County, idle.)
- \*OHIO OIL COMPANY, THE,**  
437 S. Hill St., Rm. 904, Los Angeles 13, Cal. (60 wells, Kern County; 33 wells, Los Angeles County; total wells, 93; dry gas wells, Kern County, idle; well, Santa Barbara County, abandoned.)
- \*OHIO OIL COMPANY, OPERATOR, THE,**  
437 S. Hill St., Rm. 904, Los Angeles 13, Cal. (71 wells, Kern County.)
- OHRO OIL COMPANY (Partnership),**  
625 Base Line, San Bernardino, Cal. (Well, San Bernardino County, abandoned.)
- OIL CITY PETROLEUM COMPANY**  
(Partnership: Howard H. Bell, Jr., and Max A. Newton, operating as),  
Box 891, Coalinga, Cal. (Wells, Kern County, transferred to H. H. Bell, April 1, 1950.)
- \*OILFIELD EQUIPMENT & SUPPLY COMPANY,**  
3291 Cherry Ave., Long Beach 7, Cal. (1 well, Ventura County.)
- \*OILFIELD EQUIPMENT & SUPPLY COMPANY ET AL. (Partnership),**  
Care Kenneth R. Davis, 3073 Cherry Ave., Long Beach 7, Cal. (Well, Los Angeles County, transferred to George F. Bauerdorf, Trustee, March 1, 1950.)
- \*OIL INVESTMENTS, INC.,**  
3135 Cherry Ave., Long Beach 7, Cal. (7 wells, Los Angeles County; well, Orange County, idle.)
- \*OIL TOOL CORPORATION, THE,**  
3075 Cherry Ave., Long Beach 7, Cal. (1 well, Orange County; 1 well, Ventura County.)
- OIL WELL ABANDONMENT COMPANY (Partnership: Charles A. North and Harvey E. North, operating as),**  
410 Brower Bldg., Bakersfield, Cal. (Well, San Luis Obispo County, abandoned.)
- OIL WELL OPERATING COMPANY (Partnership),**  
6100 E. Orangethorpe, Bellflower, Cal. (Well, Los Angeles County, idle.)
- \*OJAI OIL COMPANY,**  
1309 Westwood Blvd., Los Angeles 24, Cal. (6 wells, Ventura County.)
- \*OLINGER, LEO E., ESTATE OF (Ethel B. Olinger, Executor),**  
4531 Santa Monica Blvd., Los Angeles 27, Cal. (9 wells, Los Angeles County.)
- \*OLIVER, J. E.,**  
1309 Francis Ave., Fullerton, Cal. (1 well, Orange County.)
- O'MEARA & ROGERS CONSTRUCTION COMPANY (Partnership: Reynold B. O'Meara and Wm. W. Rogers, operating as),**  
2851 Cherry Ave., Long Beach 6, Cal. (Well, Los Angeles County, abandoned.)
- \*O'MEARA, R. B., AND WM. W. ROGERS, TENANTS IN COMMON,**  
2851 Cherry Ave., Long Beach 6, Cal. (5 wells, Orange County.)
- \*O'MEARA, R. B., & J. H. SIEMON (Partnership),**  
2731 Sunset Ave., Bakersfield, Cal. (2 wells, Kern County.)
- \*O'MELIA OIL COMPANY (P. J. O'Melia, Juanita E. O'Melia, Wm. Crissman, operating as),**  
106 Honolulu Ter., Whittier, Cal. (5 wells, Los Angeles County.)
- \*ORCO OIL COMPANY,**  
1405 Mills Tower, San Francisco 4, Cal. (1 well, Orange County.)
- \*ORIN PETROLEUM COMPANY,**  
6603 S. Broadway, Whittier, Cal. (5 wells, Orange County.)
- ORLANDO OIL CORPORATION,**  
3664 W. 54th St., Los Angeles 43, Cal. (Well, Los Angeles County, abandoned.)
- \*ORMAC LAND COMPANY,**  
1107 Truxtun Ave., Rm. 100, Bakersfield, Cal. (9 wells, Kern County.)
- ORWIG, HAROLD W.,**  
1079½ Leighton Ave., Los Angeles 37, Cal.
- \*OWENS, B. D.,**  
743 E. Willow St., Long Beach 6, Cal. (1 well, Santa Barbara County.)
- \*OWENS & DUNSMOOR (Partnership),**  
743 E. Willow St., Long Beach 6, Cal. (1 well, Los Angeles County.)
- OWENS, LEN, & ASSOCIATES (Partnership),**  
3516 Atlantic Ave., Long Beach 7, Cal.
- \*OWENS, LEN, WELL SERVICING, INC.,**  
3516 Atlantic Ave., Long Beach 7, Cal. (1 well, Los Angeles County.)
- \*OXFORD OIL COMPANY,**  
106 Emerald St., Redondo Beach, Cal. (7 wells, Kern County.)
- \*OXNARD OIL & REFINING COMPANY (Partnership),**  
Box 1429, Oxnard, Cal. (2 wells, Ventura County.)



- \*PDT OIL COMPANY (Partnership),**  
5846 Olive Ave., Long Beach 5, Cal.  
(1 well, Los Angeles County.)
- \*P. H. & B. OIL COMPANY (Partnership: D. W. Pratt, J. C. Hansmeyer and F. E. Bower, operating as),**  
Box 467, Venice, Cal. (33 wells, Los Angeles County.)
- \*P. AND S. OIL COMPANY (Partnership),**  
Care Shamrock Oil Well Service Co.,  
1823 I St., Bakersfield Cal. (7 wells, Kern County.)
- \*PACIFIC AMERICAN OIL COMPANY,**  
1241 E. Burnett St., Long Beach 6, Cal.  
(17 wells, Los Angeles County.)
- \*PACIFIC DRILLING COMPANY (Not incorporated),**  
3516 Atlantic Ave., Long Beach 7, Cal.  
(Wells, Los Angeles County, transferred to Watkins and Dole, Operators, December 1, 1950.)
- PACIFIC LIGHTING CORPORATION,**  
810 S. Flower St., Los Angeles 17, Cal.  
(Wells, Santa Barbara County, transferred to Pacific Lighting Gas Supply Co., March 22, 1950.)
- PACIFIC LIGHTING GAS SUPPLY COMPANY,**  
810 S. Flower St., Los Angeles 17, Cal.  
(11 wells, Santa Barbara County.)
- \*PACIFIC OIL AND GAS DEVELOPMENT CORPORATION,**  
703 Market St., Rm. 2007, San Francisco 3, Cal. (7 wells, Kern County; 11 wells, Kings County; well, San Luis Obispo County, abandoned.)
- PACIFIC OIL INVESTMENT COMPANY, LTD.,**  
Care Chas. Behr, Normandie Hotel, Sixth and Normandie, Los Angeles 5, Cal. (Wells, Orange County, idle.)
- \*PACIFIC-SOUTHWEST OIL COMPANY,**  
El Tejon Hotel, Rm. 404, Bakersfield, Cal. (1 well, Kern County.)
- \*PACIFIC STATES PETROLEUM COMPANY,**  
Box 1406, Carmel, Cal. (5 wells, Fresno County.)
- PACIFIC STATES PROPERTIES, INC.,**  
611 E. 92d St., Los Angeles 2, Cal.
- PACIFIC SUPPLY COOPERATIVE,**  
317 Petroleum Bldg., Los Angeles 15, Cal. (Well, Kern County, abandoned.)
- \*PACIFIC WESTERN OIL CORPORATION,**  
417 S. Hill St., Rm. 1060, Los Angeles 13, Cal. (17 wells, Fresno County; 148 wells, Kern County; 1 dry gas well, Kings County; 111 wells, Los Angeles County; 18 wells, Orange County; 78 wells, Santa Barbara County; 4 dry gas wells, Tulare County; 92 wells, Ventura County; total wells, 469.)
- \*PACIFIC WESTERN OIL CORP. AND J. PAUL GETTY,**  
417 S. Hill St., Los Angeles 13, Cal. (7 wells, Los Angeles County.)
- \*PACKARD PETROLEUM CORPORATION,**  
523 W. Sixth St., Rm. 430, Los Angeles 14, Cal. (5 wells, Los Angeles County.)
- \*PACOIL (Partnership),**  
1916 N. Rose St., Burbank, Cal. (Wells, Los Angeles County, transferred to M. Barratt & Ernest W. Bysshe, Jr., August 4, 1950.)
- \*PADRE OIL COMPANY,**  
530 W. Sixth St., Los Angeles 14, Cal. (9 wells, Fresno County.)
- \*PADROW OIL COMPANY (John L. Rowe, operating as),**  
215 W. Seventh St., Rm. 531, Los Angeles 14, Cal. (1 well, Los Angeles County.)
- PALM, PETER,**  
8681 Loara Rd., Anaheim, Cal. (Well, Riverside County, abandoned.)
- PALMER STENDEL OIL CORPORATION,**  
First National Bank Bldg., Santa Barbara, Cal. (Wells, Santa Barbara County, idle.)
- \*PALOMAR OIL AND REFINING CORPORATION,**  
Box 1736, Bakersfield, Cal. (4 wells, Kern County.)
- \*PALOS VERDES ESTATES, INC.,**  
Box 191, Alhambra, Cal. (5 wells, Santa Barbara County.)
- \*PANORA OIL COMPANY (Not incorporated),**  
3095 Atlantic Ave., Long Beach 7, Cal. (1 well, Los Angeles County.)
- \*PARAFFINE OIL COMPANY,**  
2013 Chester Ave., Box 244, Bakersfield, Cal. (7 wells, Kern County.)
- \*PARBE OIL CORPORATION,**  
Box 638, Newhall, Cal. (Wells, Ventura County, transferred to Fullerton Oil Co., June 6, 1950.)
- \*PARCAN OIL COMPANY,**  
Care L. C. Blankenship, Box 695, Whittier, Cal. (17 wells, Los Angeles County.)
- \*PARK, OLIVER,**  
4136 Del Rey Ave., Venice, Cal. (1 well, Los Angeles County.)
- \*PARKER, M. C., OIL COMPANY (Frankie S. Parker and Jeannette T. McLean, operating as),**  
Rt. 1, Box 189, Bakersfield, Cal., (20 wells, Kern County.)
- \*PARSONS, LEWIS G.,**  
914 Spring Arcade Bldg., Los Angeles 13, Cal. (10 wells, Los Angeles County.)
- PARTON TRANSPORTATION COMPANY & ASSOCIATES (Partnership),**  
1327 San Fernando Rd., San Fernando, Cal. (Well, Los Angeles County, abandoned.)

- PARTRIDGE, C. W., AND WM. CHAMBERS,**  
650 S. Grand Ave., Los Angeles 14, Cal.  
(Wells, Los Angeles County, transferred to Parcan Oil Co., July 1, 1950.)
- \*PATTERSON-BALLAGH LEASE** (Not incorporated),  
354 California St., Maricopa, Cal. (10 wells, Kern County.)
- \*PATTON & CONAWAY,**  
2232 Sepulveda Blvd., Box 205, Torrance, Cal. (1 well, Los Angeles County.)
- \*PAULEY, EDWIN W.,**  
717 N. Highland Ave., Los Angeles 38, Cal. (3 wells, Fresno County; 1 well, Kern County; 6 wells, Los Angeles County; 3 wells, Orange County.)
- \*PAULEY, EDWIN W., AND HAROLD R.,**  
717 N. Highland Ave., Los Angeles 38, Cal. (1 well, Los Angeles County.)
- PAULL, W. R., AND ASSOCIATES** (Copartnership),  
Box 157, 101 Highway South, Salinas, Cal. (Well, San Benito County, abandoned.)
- \*PAX OIL CORPORATION,**  
215 W. Seventh St., Rm. 720, Los Angeles 14, Cal. (4 wells, Los Angeles County.)
- PEAK OIL TOOL SERVICE, INC.,**  
Box 1041, Taft, Cal. (Well, San Luis Obispo County, abandoned.)
- PEAK, M. R., & SONS** (Partnership),  
19417 S. Avalon Blvd., Gardena, Cal.
- PEARSON, C. A., AND RALPH M. STEFFEN** (Partnership),  
226 Kern St., Taft, Cal.
- \*PEDRO PETROLEUM CORPORATION,**  
6331 Hollywood Blvd., Hollywood 28, Cal. (8 well, Los Angeles County; 2 wells, Orange County; well, Kern County, abandoned.)
- PEERLESS ASSOCIATES** (Limited Partnership),  
3505 Pierce Rd., Bakersfield, Cal.
- \*PEGORS, HARRY H.,**  
1723 Martina Ave., Torrance, Cal. (3 wells, Los Angeles County.)
- \*PENNTX OIL CORPORATION,**  
(Name changed from Lido Petroleum Company effective May 1, 1950)  
11928 E. Los Nietos Rd., Los Nietos, Cal. (1 well, Orange County.)
- PEPPERDINE, GEORGE, COLLEGE,**  
1121 W. 79th St., Los Angeles 44, Cal.  
(Gas wells, Tulare County, idle.)
- PERMA-STONE PACIFIC COMPANY,**  
2518 Allessandro St., Los Angeles 26, Cal. (Well, Los Angeles County, transferred to Puente Development Associates, August 1, 1950.)
- PERRY, C. G., DRILLING COMPANY** (Not incorporated),  
Box 807, Bakersfield, Cal.
- \*PERRYMAN, MARY E.,**  
1747 Gaviota Ave., Long Beach 13, Cal.  
(1 well, Los Angeles County.)
- \*PERSEUS OIL COMPANY,**  
9530 Brighton Way, Beverly Hills, Cal.  
(6 wells, Kern County.)
- \*PETROL CORPORATION, THE,**  
1401 W. Florence Ave., Inglewood 1, Cal. (1 well, Fresno County; 1 well, Orange County.)
- \*PETROLEUM COMPANY, THE,**  
530 W. Sixth St., Rm. 722, Los Angeles 14, Cal. (4 wells, Orange County.)
- \*PETROLEUM MIDWAY COMPANY,**  
2129 W. Anaheim St., Long Beach 6, Cal. (7 wells, Los Angeles County.)
- PETROLEUM PRODUCTION ENGINEERS,**  
811 W. Seventh St., Los Angeles 14, Cal.
- \*PETROLEUM RESERVE CORPORATION,**  
Tower Petroleum Bldg., Dallas, Tex.  
(Wells, Santa Barbara County, and 1 well, Ventura County, transferred to Texas Consolidated Oils, April 1, 1950.)
- PETROLIA CORPORATION,**  
323 Sill Bldg., Bakersfield, Cal.
- \*PETROLINE OIL COMPANY,**  
3773 Crenshaw Blvd., Los Angeles 16, Cal. (7 wells, Kern County.)
- \*PETTIJOHN, J. E.,**  
Box 148, Torrance, Cal. (3 wells, Los Angeles County; 1 well, Orange County.)
- PHILLIPPS, F. G.,**  
1829 B St., Bakersfield, Cal. (Wells, Kern County, idle.)
- \*PHILLIPS-RAMSAY OIL CORPORATION**  
Care Richard E. Merz, Treas., 7905 Herschal Ave., La Jolla, Cal. (1 well, Los Angeles County.)
- \*PICKARD-CORN SHORE LEASE** (Not incorporated),  
Care Elmer R. Corn, Box 285, Wichita 1, Kan. (2 wells, Los Angeles County.)
- \*PIERCE PETROLEUM CORPORATION, INC.,**  
845 E. Willow St., Long Beach 6, Cal.  
(1 well, Los Angeles County.)
- \*PIERI, GUIDO, AND ALGA PIERI** (Partnership),  
1037 Sunset Blvd., Los Angeles 12, Cal.  
(1 well, Los Angeles County.)
- \*PIETZSCHKE, EDWARD,**  
2765 W. Carson St., Torrance, Cal. (3 wells, Los Angeles County.)
- \*PIKE & ASSOCIATES** (Partnership),  
417 S. Hill St., Los Angeles 13, Cal. (1 well, Kern County.)
- PINE CANYON OIL COMPANY,**  
750 Castelar St., Los Angeles 12, Cal.
- PIRA & DeSPAIN,**  
201 Van Buren St., Midway City, Cal.  
(Well, Orange County, abandoned.)

- \*PISTONETTI, FRANK C.**,  
1439 Dorothy Dr., Glendale 2, Cal. (1 well, Los Angeles County.)
- \*PLACERITA OIL COMPANY**,  
821 San Fernando Rd., Newhall, Cal. (1 well, Los Angeles County.)
- \*PLAINS DRILLING COMPANY AND R. T. HAND (Partnership)**,  
3201 Walnut Ave., Long Beach 7, Cal. (1 well, Los Angeles County.)
- \*PLANET OIL CORPORATION**,  
911 N. Willow St., Compton, Cal. (1 well, Los Angeles County.)
- \*PLIOCENE OIL COMPANY**,  
323 Sili Bldg., Bakersfield, Cal. (30 wells, Kern County.)
- \*PLOMERT, ROBERT I.**,  
2481 Mission St., San Marino 9, Cal. (5 wells, Ventura County.)
- \*POE, DeLOSSE**,  
2615 Truxtun St., Bakersfield, Cal. (1 well, Kern County.)
- \*PONGRATZ, GUS**,  
4330 S. Figueroa St., Los Angeles 37, Cal. (2 wells, Los Angeles County.)
- \*PONGRATZ PETROLEUM COMPANY**,  
4330 S. Figueroa St., Los Angeles 37, Cal. (Wells, Los Angeles County, transferred to Brain-Cooper, Inc., March 21, 1950.)
- \*PORSCO OPERATING COMPANY**,  
Care G. R. Beldner, 111 W. Seventh St., Los Angeles 14, Cal. (1 well, Los Angeles County.)
- \*PORT OIL COMPANY (Copartnership)**,  
Box 128, Wilmington, Cal. (3 wells, Los Angeles County.)
- \*PORTER, B. F., ESTATE**,  
58 Sutter St., San Francisco 4, Cal. (2 wells, Los Angeles County.)
- PORTER, V. A.**,  
Care C. H. Chamberlin, 1126 Slater St., Santa Rosa, Cal.
- \*POSO OIL COMPANY**,  
Care Milton J. Dean, 2918 W. Elgth St., Los Angeles 5, Cal. (Wells, Kern County, transferred to Roy Wattenbarger, August 23, 1950.)
- \*POTOMAC OIL COMPANY (Limited Partnership)**,  
Box 972, Santa Maria, Cal. (1 well, Ventura County.)
- \*POWERS, ROY R.**,  
721 E St., N. W., Ardmore, Okla. (1 well, Orange County.)
- \*PRAY, MAX**,  
Palmolive Bldg., Suite 300, Chicago 11, Ill. Cal. address: Care Lyle E. Kesselman, 249 E. 31st St., Long Beach 7, Cal. (1 well, Los Angeles County.)
- \*PRAY, MAX, AND FRED MORGAN (Partnership)**,  
Palmolive Bldg., Suite 300, Chicago 11, Ill. Cal. address: Care Lyle E. Kesselman, 249 E. 31st St., Long Beach 7, Cal. (2 wells, Los Angeles County.)
- \*PRAY, MAX, AND ELISHA WALKER, JR. (Partnership)**,  
Palmolive Bldg., Suite 300, Chicago 11, Ill. Cal. address: Care Lyle E. Kesselman, 249 E. 31st St., Long Beach 7, Cal. (1 well, Fresno County; 1 well, Los Angeles County.)
- \*PRESIDENT OIL COMPANY**,  
2635 N. Main St., Santa Ana, Cal. (2 wells, Orange County.)
- \*PREUITT, G. H.**,  
614 Buchanan St., Taft, Cal. (2 wells, Kern County.)
- \*PRINCETON OIL COMPANY**,  
Box 669, Bakersfield, Cal. (5 wells, Kern County.)
- \*PRODUCERS OIL CORPORATION OF AMERICA**,  
322 Sili Bldg., Bakersfield, Cal. (43 wells, Fresno County; 38 wells, Kern County.)
- \*PRODUCTION SECURITIES CORPORATION**,  
Box 128, Wilmington, Cal. (1 well, Los Angeles County.)
- \*PRODUCTION SERVICE COMPANY** (Not incorporated),  
3032 Cherry Ave., Long Beach 7, Cal. (1 well, Los Angeles County.)
- \*PROGRESSIVE OIL COMPANY (Copartnership: Wayne Mills and Kenneth Mills, operating as)**,  
2551 Cherry Ave., Long Beach 6, Cal. (11 wells, Los Angeles County; well, Orange County, idle.)
- PROVOST, R. A., ASSOCIATES (Limited Partnership)**,  
518 Amherst Dr., Burbank, Cal.
- PUENTE DEVELOPMENT ASSOCIATES (Partnership)**,  
215 W. Seventh St., Rm. 620, Los Angeles 14, Cal.
- \*PURDUM, HAROLD E., ET UX & SON (Partnership)**,  
Box 637, Santa Barbara, Cal. (1 well, Santa Barbara County.)
- \*PYRAMID OIL COMPANY**,  
200 Bush St., San Francisco 5, Cal. (21 wells, Kern County; 13 wells, Ventura County.)
- \*QUALITY OIL COMPANY (Joseph M. Thomas, operating as)**,  
2011-18th St., Rm. 9, Bakersfield, Cal. (43 wells, Kern County.)
- \*QUANDT, HENRY**,  
Box 386, McKittrick, Cal. (2 wells, Kern County.)
- \*QUARTETTE OIL COMPANY (Not incorporated)**,  
Box 324, Huntington Beach, Cal. (3 wells, Orange County.)
- \*QUINBY, P. D.**,  
Box 344, McKittrick, Cal. (13 wells, Kern County.)
- QUINN RANCH OIL CORPORATION**,  
1800 N. Wilcox, Los Angeles 28, Cal. (Well, Kern County, abandoned.)

- R. F. D. COMPANY (Partnership),**  
Box 760, Lemoore, Cal. (Well, San Benito County, abandoned.)
- \*R. S. & L. OIL CORPORATION,**  
2609 Wall St., Long Beach 4, Cal. (2 wells, Los Angeles County.)
- \*R. & W. COMPANY (Copartnership),**  
Care W. E. Knapp, 2700 Cherry Ave., Long Beach 6, Cal. (1 well, Kern County.)
- R. Y. H. OIL COMPANY (Partnership: W. P. Ramey, J. B. Young and C. W. Hoag, operating as),**  
Care C. W. Hoag, Coalinga, Cal. (Well, Orange County, idle.)
- \*RAE OIL COMPANY (Partnership),**  
904 S. Alta Vista Ave., Monrovia, Cal. (1 well, Los Angeles County.)
- \*RAINBOW OIL COMPANY (Copartnership),**  
361 N. Cannon Dr., Beverly Hills, Cal. (10 wells, Kern County.)
- \*RAIZEN, SAM,**  
1830 Garland St., Box 2736, Lakewood, Col. (5 wells, Orange County.)
- \*RALEIGH OIL COMPANY,**  
9424 Dayton Way, Beverly Hills, Cal. (2 wells, Los Angeles County.)
- \*RANDAN PETROLEUM CORPORATION,**  
1269 Russ Bldg., San Francisco 4, Cal. (2 wells, Kern County.)
- RANGE OIL CORPORATION AND LEE A. AULT (Partnership),**  
403 W. Eighth St., Rm. 408, Los Angeles 14, Cal. (Well, Los Angeles County, abandoned.)
- \*READING OIL CORPORATION,**  
5678 Wilshire Blvd., Los Angeles 36, Cal. (1 well, Orange County.)
- \*REAL OIL COMPANY,**  
530 W. Sixth St., Los Angeles 14, Cal. (1 well, Fresno County.)
- \*RECKNAGEL & MANGOLD OIL COMPANY (Partnership),**  
1840 E. 29th St., Long Beach 6, Cal. (2 wells, Los Angeles County; well, Orange County, idle.)
- \*RECONSTRUCTION FINANCE CORPORATION,**  
Care Union Oil Company of Cal., 617 W. Seventh St., Los Angeles 17, Cal. (35 wells, Los Angeles County.)
- \*RECOVERY OIL COMPANY,**  
Care Jarvis B. Brown, 2420 Fourth St., Harvey, La. (2 wells, Kern County.)
- REED, KENNETH E.,**  
10912 S. 101 Highway, Anaheim, Cal. (Well, Riverside County, abandoned.)
- REESE, RAY H.,**  
100 Santa Clara St., Fillmore, Cal. (Well, Ventura County, transferred to Conray Oil Co., January 5, 1950.)
- REGENT OIL COMPANY,**  
210 W. Seventh St., Los Angeles 14, Cal. (Wells, San Benito and Ventura Counties, abandoned.)
- REGISTER OIL COMPANY,**  
Box 351, Huntington Beach, Cal. (Well, Orange County, idle.)
- \*REID, GENE, DRILLING, INC.,**  
3505 Pierce Rd., Bakersfield, Cal. (31 wells, Kern County; well, Ventura County, abandoned.)
- \*REID, GENE, EXPLORATION COMPANY**  
(Merged with Gene Reid Drilling, Inc., effective May 1, 1950.)
- \*RE-MINE OIL COMPANY,**  
437 S. Hill St., Rm. 402, Los Angeles 13, Cal. (2 wells, Orange County.)
- \*RENO & SILVERMAN ENTERPRISES (Partnership),**  
10862 Atlantic Ave., Lynwood, Cal. (Wells, Los Angeles County, transferred to J. L. O'Donnell, April 4, 1950.)
- \*RESERVE OIL AND GAS COMPANY,**  
405 Montgomery St., San Francisco 4, Cal. (8 wells, Kern County.)
- REVO OIL COMPANY,**  
7 W. Figueroa St., Santa Barbara, Cal. (Well, Santa Barbara County, abandoned.)
- \*REVO OIL COMPANY, THE (Partnership: Forrest K. Harrell and Russell L. Brinkerhoff, operating as),**  
7212 Talbert Rd., Huntington Beach Cal. (1 well, Orange County.)
- \*REX OIL COMPANY,**  
307 W. Eighth St., Suite 410, Los Angeles 14, Cal. (2 wells, Kern County; 16 wells, Orange County.)
- REYNOLDS-KNUDSEN (Partnership: Howard W. Reynolds, Jr., and John Knudsen, Jr., operating as),**  
5865½ West Blvd., Los Angeles 43, Cal. (Well, Kern County, abandoned.)
- RHOADS, SAM F.,**  
327-17th St., P. O. Box 49, Huntington Beach, Cal. (Well, Orange County, idle.)
- \*RICE RANCH OIL COMPANY,**  
440 I. W. Hellman Bldg., Los Angeles 13, Cal. (30 wells, Santa Barbara County.)
- \*RICHARDS OIL COMPANY,**  
2020 20th St., Bakersfield, Cal. (10 wells, Kern County.)
- \*RICHARDS AND ROWAN (Partnership),**  
2875 Cherry Ave., Long Beach 6, Cal. (3 wells, Santa Barbara County.)
- \*RICHFIELD OIL CORPORATION,**  
555 S. Flower St., Los Angeles 17, Cal. (1 dry gas well, Butte County; 2 dry gas wells, Glenn County; 432 oil wells, 4 dry gas wells, Kern County; 185 wells, Los Angeles County; 6 wells, Orange County; 18 wells, San Luis Obispo County; 182 wells, Santa Barbara County; 81 wells, Ventura County; total wells, 911; well, San Benito County, abandoned.)
- \*RICHFIELD OIL CORPORATION, OPERATOR,**  
555 S. Flower St., Los Angeles 17, Cal. (37 wells, San Luis Obispo County; 71 wells, Santa Barbara County.)

- \*RICHFIELD OIL CORPORATION AS OPERATOR FOR CITY OF LONG BEACH PARCEL "A",**  
555 S. Flower St., Los Angeles 17, Cal.  
(79 wells, Los Angeles County.)
- \*RICO PETROLEUM, INC. (Jack Herley, Trustee),**  
3201 Pasadena Ave., Long Beach 7, Cal.  
(1 well, Los Angeles County.)
- RIDDELL, CARL, AND GEORGE TERRY (Partnership),**  
13834 Magnolia Ave., Van Nuys, Cal.  
(Well, Los Angeles County, transferred to D. J. R. Oil Co., September 25, 1950.)
- \*RIDGE HILL OIL COMPANY,**  
6363 Wilshire Blvd., Suite 509, Los Angeles 48, Cal. (7 wells, Kern County.)
- \*RING, GEO. W., & FRANK L. RING,**  
523 W. Sixth St., Rm. 906, Los Angeles 14, Cal. (9 wells, Kern County.)
- \*RING OIL COMPANY,**  
523 W. Sixth St., Rm. 906, Los Angeles 14, Cal. (128 wells, Kern County; 20 wells, Los Angeles County; 1 well, Orange County; total wells, 149.)
- \*RIO HONDO OIL COMPANY (J. H. Fawcett and Gus Pongratz, operating as),**  
Care Mildred A. Foley, 617 Truxtun Ave., Bakersfield, Cal. (3 dry gas wells, Kern County.)
- \*RIOKERN OIL COMPANY (Not incorporated),**  
Box 533, Alhambra, Cal. (19 wells, Kern County.)
- \*RIPPY, CHAS. T., AND EARL ROBINETT,**  
1218 Cota St., Torrance, Cal. (6 wells, Los Angeles County.)
- \*RIVIERA PETROLEUM COMPANY,**  
c/o Apple Valley Bldg. & Dev. Co., Box 1, Apple Valley, Cal. (1 well, Los Angeles County.)
- \*ROBERTSON, W. C.,**  
Box 273, McKittick, Cal. (4 wells, Kern County.)
- \*ROBINETT, EARL,**  
Rt. 2, Palos Verdes Estates, Cal. (1 well, Los Angeles County.)
- ROCCO, ROBERT S.,**  
417 S. Hill St., Rm. 1009, Los Angeles 13, Cal. (Well, Ventura County, transferred to Dr. Ralph E. Cowley, August 23, 1950.)
- \*ROCHON, J. E.,**  
3905 Ocean Front, Venice, Cal. (1 well, Los Angeles County.)
- \*ROCKET PETROLEUM COMPANY,**  
(Merged with Gene Reid Drilling, Inc., effective May 1, 1950.)
- ROCKY MOUNTAIN DRILLING COMPANY,**  
612 S. Flower St., Los Angeles 17, Cal.
- \*RODABAUGH-BRUNER (Partnership: Charles O. Rodabaugh and Arthur G. Bruner, operating as),**  
3573 Carlin Ave., Lynwood, Cal. (1 well, Los Angeles County.)
- \*RODABAUGH, C. O.,**  
3573 Carlin Ave., Lynwood, Cal. (1 well, Los Angeles County.)
- RODD, MARCEL, COMPANY (Not incorporated),**  
7621 Sunset Blvd., Los Angeles 46, Cal.  
(Well, Los Angeles County, idle.)
- \*ROGER, JACK C.,**  
1741 E. Wardlow Rd., Long Beach 7, Cal. (2 wells, Los Angeles County.)
- ROOD, C. M.,**  
19071 17th St., Huntington Beach, Cal.  
(Well, Los Angeles County, abandoned.)
- \*ROPOKO OIL COMPANY (W. C. Roach, Gus Pongratz and J. B. Koepfli, operating as),**  
4330 S. Figueroa St., Los Angeles 37, Cal. (2 wells, Los Angeles County.)
- ROSETTA OIL COMPANY (Partnership),**  
Care Joan L. Rowe, 215 W. Seventh St., Los Angeles 14, Cal. (Well, Los Angeles County, idle.)
- ROSS & GIBSON (Copartnership),**  
Box 71, Midway City, Cal. (Well, Orange County, idle.)
- \*ROSS, T. G.,**  
1500 Cliff Dr., Santa Barbara, Cal. (1 well, Santa Barbara County.)
- \*ROTHSCHILD-BENDER OIL OPERATIONS (Rothschild Oil Co. and E. A. Bender, operating as),**  
1154 Lakeland Rd., Santa Fe Springs, Cal. (Wells, Kern County, transferred to E. A. Bender, May 1, 1950.)
- \*ROTHSCHILD, HARRY S.,**  
12354 E. Lakeland Rd., Santa Fe Springs, Cal. (1 well, Kern County; well, Los Angeles County, idle.)
- ROTHSCHILD, HARRY S., & COMPANY (Limited Partnership),**  
12354 E. Lakeland Rd., Santa Fe Springs, Cal. (Well, Los Angeles County, abandoned.)
- \*ROTHSCHILD, JOHN A., AND VICTOR B. ROTHSCHILD (Partnership),**  
12354 E. Lakeland Rd., Santa Fe Springs, Cal. (1 well, Kern County.)
- \*ROTHSCHILD OIL COMPANY (Copartnership: Harry S. Rothschild and Josephine E. Rothschild, operating as),**  
12354 E. Lakeland Rd., Santa Fe Springs, Cal. (20 wells, Kern County; 51 wells, Los Angeles County; last well, Santa Barbara County, abandoned.)
- ROWAN OIL COMPANY,**  
Fifth and Spring Sts., Los Angeles 13, Cal.
- \*ROYAL PETROLEUM COMPANY,**  
1241 E. Burnett St., Long Beach 6, Cal.  
(7 wells, Los Angeles County; 5 wells, Orange County.)
- \*ROYALTY SERVICE CORPORATION, LTD.,**  
658 S. San Vicente Blvd., Los Angeles 48, Cal. (87 wells, Los Angeles County; 4 wells, Orange County; 1 well, San Bernardino County.)

- \*ROYDEN, H. N., & ASSOCIATES** (Partnership),  
3206 W. 18th St., Los Angeles 6, Cal. (1 well, Kern County.)
- \*RUBBERT, C. E.,**  
1915 Terrace Way, Bakersfield, Cal. (9 wells, Kern County.)
- \*RUBIN OIL COMPANY** (Partnership: Abraham and Alexander Rubin, operating as),  
1732 W. Seventh St., Los Angeles 14, Cal. (2 wells, Orange County.)
- \*RUCHTI OIL COMPANY, INC.,**  
10600 Ruchti Rd., South Gate, Cal. (3 wells, Los Angeles County; 1 well, Orange County.)
- \*RUCHTI OIL PRODUCING COMPANY,**  
10600 Ruchti Rd., South Gate, Cal. (2 wells, Orange County.)
- \*RUSH AND JORDAN** (Joint Venture),  
14815 S. Avalon Blvd., Gardena, Cal. (1 well, Los Angeles County.)
- \*RUSSELL, G. M.,**  
802 W. 123d St., Los Angeles 44, Cal. (5 wells, Los Angeles County.)
- \*RUSSELL, G. M., AND JOSEPH R. VAUGHAN,**  
458 S. Spring St., Rm. 711, Los Angeles 13, Cal. (1 well, Los Angeles County.)
- \*RUSSELL OIL COMPANY,**  
3757 Wilshire Blvd., Los Angeles 5, Cal. (Wells, Orange County, transferred to Alamo Oil Co., July 16, 1950.)
- \*RUSSELL, R. W.,**  
6466 W. 85th St., Los Angeles 43, Cal. (4 wells, Los Angeles County.)
- \*RUSSELL, THELMA,**  
Box 521, Lomita, Cal. (3 wells, Los Angeles County.)
- RUSSELL, WILLIS AND VAUGHAN, LTD.** (Limited Partnership),  
709 Rowan Bldg., Los Angeles 13, Cal. (Well, Kings County, abandoned.)
- \*S. & B. OIL, INC.,**  
325 E. Las Flores Dr., Altadena, Cal. (3 wells, Los Angeles County.)
- S. D. M. OIL COMPANY** (Partnership),  
533 12th St., Manhattan Beach, Cal. (Well, Los Angeles County, abandoned.)
- S. & K. OIL COMPANY** (J. F. Kosanke and Richard Strahorne, operating as),  
1520 18th St., Bakersfield, Cal. (Well, Kern County, abandoned.)
- S & M OIL COMPANY** (J. F. Schouten, operating as),  
3509 W. 75th Pl., Inglewood, Cal. (Wells, Kern County, abandoned.)
- \*S. M. B. OIL COMPANY** (Partnership: Marcus E. Skeen and Russell L. Brinkerhoff, operating as),  
902 Main St., Huntington Beach, Cal. (1 well, Orange County.)
- \*S. & W. OIL COMPANY** (Roy S. Searles and Vera O. Searles, operating as),  
830 Lime Ave., Long Beach 2, Cal. (1 well, Los Angeles County.)
- \*SAFE OIL COMPANY,**  
Box 669, Bakersfield, Cal. (7 wells, Kern County.)
- \*SAFEWAY OIL COMPANY**  
3090 California Ave., Long Beach 7, Cal. (3 wells, Los Angeles County.)
- \*SAILORS LEASE** (Partnership: Mrs. M. L. Follansbee and R. E. Ashe, operating as),  
Rt. 1, Box 156, Bakersfield, Cal. (18 wells, Kern County.)
- \*ST. ANTHONY OIL CORPORATION,**  
12636 E. Los Nietos Rd., Box 386, Santa Fe Springs, Cal. (14 wells, Los Angeles County.)
- \*ST. FRANCIS OIL COMPANY,**  
451 N. Rodeo Dr., Beverly Hills, Cal. (4 wells, Los Angeles County.)
- \*ST. LAWRENCE OIL COMPANY,**  
333 Montgomery St., San Francisco 4, Cal. (19 wells, Kern County.)
- \*SAMPLINER, J. M.,**  
6427 Van Nuys Blvd., Van Nuys, Cal. (1 well, Kern County.)
- SAN ANDREAS OIL COMPANY, INC.,**  
2907 E. Seventh St., Long Beach 4, Cal. (Well, Los Angeles County, idle.)
- SAN BENITO OIL COMPANY,**  
210 W. Seventh St., Rm. 1001, Los Angeles 14, Cal. (Well, San Benito County, abandoned.)
- SAN CAYETANO OIL COMPANY** (Not incorporated),  
Box 84, Santa Paula, Cal. (Well, Ventura County, transferred to Robert S. Rocco, January 23, 1950.)
- SANDEE OIL COMPANY,**  
1022 Hollingsworth Bldg., Sixth and Hill Sts., Los Angeles 14, Cal.
- SAN JOAQUIN DRILLING COMPANY, INC.,**  
417 S. Hill St., Los Angeles 13, Cal.
- \*SAN JOAQUIN EXPLORATION COMPANY,**  
306 Haberfelde Bldg., Bakersfield, Cal. (4 wells, Kern County.)
- \*SAN MARINO OIL COMPANY** (Clarence W. Fetterman and Kenneth H. Hunter, operating as),  
Rt. 1, Box 140, Fillmore, Cal. (17 wells, Ventura County.)
- \*SANTA CLARA PETROLEUM COMPANY,**  
Box 1149, Pasadena 20, Cal. (Wells, Ventura County, transferred to Fullerton Oil Co., October 17, 1950.)
- SANTA GOLETA PETROLEUM COMPANY** (Partnership),  
5401 Wilshire Blvd., Los Angeles 36, Cal.
- SANTA LUCIA OIL COMPANY** (Partnership),  
Carlton Hotel, Atascadero, Cal.
- \*SANTA MARIA CRUDE OIL COMPANY,**  
1309 Westwood Blvd., Los Angeles 24, Cal. (2 wells, Ventura County.)



**\*SANTA PAULA DRILLING AND DEVELOPMENT COMPANY** (Otto Ellsworth, operating as), Box 908, Santa Paula, Cal. (8 wells, Los Angeles County; 1 well, Ventura County.)

**SANTA ROSA EXPLORATION COMPANY** (Partnership), Box 309, Santa Rosa, Cal.

**\*SARGENT, W. J.**, Care Vernon P. Spencer, Box 259, 349 E. Manchester Blvd., Inglewood, Cal. (1 well, Los Angeles County.)

**SAVAGE, FRANCIS**, Box 382, Whittier, Cal. (Wells, Los Angeles County, idle.)

**\*SCHONES, JESSE R.**, 1031 Carol Dr., West Hollywood 46, Cal. (5 wells, Los Angeles County.)

**SCHUMACHER, JOHN** (Joint Tenants: John Schumacher, Lon S. McCoy and George C. Atha, operating as), 424 S. Beverly Dr., Beverly Hills, Cal.

**SCOTT-JACKSON** (Partnership: Owen E. Jackson and Walter J. Scott, operating as), Care Ellis D. Reiter, 437 S. Hill St., Los Angeles 13, Cal. (Well, Orange County, transferred to George P. Lyons, April 21, 1950.)

**\*SCOTT, WALTER J.**, 2700 Cherry Ave., Long Beach 6, Cal. (5 wells, Los Angeles County; wells, Orange County, transferred to Sam Raizen, August 1, 1950.)

**\*SEABOARD OIL COMPANY OF DEL-AWARE**, 612 S. Flower St., Suite 400, Los Angeles 17, Cal. (22 wells, Fresno County; 3 wells, Kern County; 6 wells, Los Angeles County; well, Monterey County, abandoned.)

**\*SEA SHORE OIL CORPORATION**, 729 E. Willow St., Long Beach 6, Cal. (8 wells, Los Angeles County.)

**\*SEA VIEW OIL COMPANY** (Partnership), 5603 W. Eighth St., Los Angeles 36, Cal. (4 wells, Los Angeles County.)

**\*SECOND TWIN BELL SYNDICATE**, 1115 Rives-Strong Bldg., Los Angeles 15, Cal. (4 wells, Los Angeles County.)

**\*SECTION THIRTY OIL COMPANY** (Partnership), Box 286, Coalinga, Cal. (22 wells, Fresno County.)

**\*SECURITY OIL COMPANY**, 530 W. Sixth St., Rm. 424, Los Angeles 14, Cal. (11 wells, Kern County.)

**\*SEGURO PETROLEUM COMPANY**, Box "P," Placentia, Cal. (1 well, Orange County.)

**\*SELBAR OIL COMPANY**, 729 E. Willow St., Long Beach 6, Cal. (5 wells, Los Angeles County.)

**\*SELEGNA PETROLEUM CORPORATION**, 1622 E. Denni St., Wilmington, Cal. (10 wells, Los Angeles County.)

**\*SENECA OIL COMPANY**, 1004 Security Bank Bldg., Fresno 1, Cal. (9 wells, Fresno County.)

**SENIOR, JOHN L., JR.**, Care Fred Green, Station B, Box 237, Bakersfield, Cal. (Well, Kern County, abandoned.)

**\*SEQUOIA OIL COMPANY**, 2551 Cherry Ave., Long Beach 6, Cal. (2 wells, Los Angeles County.)

**\*SERAGO OIL COMPANY** (Partnership), 2785 Cherry Ave., Long Beach 6, Cal. (2 wells, Los Angeles County.)

**SESNON, PORTER, BARBARA SESNON, CARTAN, WILLIAM T. SESNON, JR. (TENANTS IN COMMON)** (Partnership), 58 Sutter St., San Francisco 4, Cal. (Well, Contra Costa County, abandoned.)

**\*SEVERNS & DEWITT** (Copartnership), 639 S. Spring St., Los Angeles 14, Cal. (1 well, Orange County.)

**\*SEVERNS DRILLING COMPANY** (Copartnership: Clayton Severns and Ashley DeWitt, operating as), 639 S. Spring St., Los Angeles 14, Cal. (1 well, Orange County.)

**\*SEVERNS DRILLING COMPANY, LTD.**, 639 S. Spring St., Los Angeles 14, Cal. (14 wells, Orange County.)

**SEWELL, LEAH C., AND BARBARA C. JONES**, 1037 N. Alameda St., Los Angeles 12, Cal. (Wells, Los Angeles County, idle.)

**\*SEXTETTE OIL COMPANY**, Box 324, Huntington Beach, Cal. (Well, Orange County, transferred to Boe Tunstall Co., May 15, 1950.)

**\*SHAFFER, DON, TOOL CORPORATION**, 209 S. Pomona Ave., Brea, Cal. (1 well, Kern County.)

**\*SHAFFER TOOL WORKS**, 209 S. Pomona Ave., Brea, Cal. (6 wells, Los Angeles County.)

**\*SHAMROCK DRILLING COMPANY**, 714 W. Olympic Blvd., Los Angeles 15, Cal. (1 well, Los Angeles County.)

**\*SHAMROCK DRILLING COMPANY AND E. C. SIMMONS** (Partnership), 714 W. Olympic Blvd., Los Angeles 15, Cal. (1 well, Los Angeles County.)

**\*SHASTA PETROLEUM COMPANY**, 370 E. 37th St., Long Beach 7, Cal. (8 wells, Los Angeles County.)

**\*SHEEHY, KENNETH**, Box 533, Santa Maria, Cal. (1 well, Santa Barbara County.)



**\*SHELL OIL COMPANY,**

100 Bush St., San Francisco 20, Cal.  
(478 oil wells, 1 dry gas well, Fresno County; 644 wells, Kern County; 2 dry gas wells, Kings County; 575 wells, Los Angeles County; 2 dry gas wells, Madera County; 147 wells, Orange County; 109 wells, Santa Barbara County; 10 dry gas wells, Solano County; 4 dry gas wells, Tulare County; 404 wells, Ventura County; 3 dry gas wells, Yolo County; total wells, 2379.)

**\*SHEPARD-PENDLETON, LTD.,**

1180 E. Wardlow Rd., Long Beach 7, Cal. (2 wells, Los Angeles County.)

**SHEPHERD-ROBERTSON, INC.,**

414 Brower Bldg., Bakersfield, Cal. (Well, Orange County, idle.)

**SHERMAN, R. W.,**

650 S. Grand Ave., Rm. 1106, Los Angeles 17, Cal. (Well, Los Angeles County, idle.)

**\*SHMULEN, HARRY A., DECEASED, ESTATE OF (David Feuer, Executor),**

406-9 Times Bldg., Long Beach 2, Cal. (Wells, Los Angeles County, transferred to Mrs. Minnie Karen, July 15, 1950.)

**SHORE OIL COMPANY (A. Bernard Shore, operating as),**

8210½ Sunset Blvd., Los Angeles 46, Cal. (Well, Orange County, idle.)

**\*SHORT, FRANK RICE, ESTATE OF,**

111 Sutter St., San Francisco 4, Cal. (3 wells, Kern County; well, San Luis Obispo County, abandoned.)

**\*SIEMON, ALFRED,**

259 Haberfelde Bldg., Bakersfield, Cal. (2 wells, Kern County.)

**\*SIEMON, ALFRED, TRUSTEE KREBS-LANE LEASES (Partnership),**

259 Haberfelde Bldg., Bakersfield, Cal. (2 wells, Kern County.)

**\*SIEMON, FRED,**

2731 Sunset Ave., Bakersfield, Cal. (1 well, Kern County.)

**\*SIEMON, J. H.,**

2731 Sunset Ave., Bakersfield, Cal. (1 well, Kern County.)

**\*SIERRA OIL COMPANY (Copartnership),**

25 N. Allen Ave., Pasadena 4, Cal. (12 wells, Los Angeles County.)

**\*SIEVERS, J. PAUL,**

811 W. Seventh St., Rm. 502, Los Angeles 14, Cal. (Well, Orange County, transferred to Rose L. Bright and William L. Kumlir, June 1, 1950.)

**\*SIGNAL OIL AND GAS COMPANY,**

811 W. Seventh St., Los Angeles 17, Cal. (4 wells, Fresno County; 35 wells, Kern County; 30 wells, Los Angeles County; 177 wells, Orange County; 79 wells, Santa Barbara County; 35 wells, San Luis Obispo County; total wells, 360.)

**SIGNAL PETROLEUM COMPANY OF CALIFORNIA, LTD.,**

210 W. Seventh St., Rm. 507, Los Angeles 14, Cal.

**SILVER LEAF OIL COMPANY (Partnership: John K. Blancke and Charles M. Fueller, operating as),**

26 N. Marengo, Pasadena, Cal. (Well, Los Angeles County, abandoned.)

**\*SILVER PETROLEUM COMPANY,**

2954 Cherry Ave., Long Beach 7, Cal. (1 well, Los Angeles County.)

**\*SILVERSTONE, MILTON,**

2747 Cherry Ave., Long Beach 6, Cal. (1 well, Orange County.)

**\*SIMAROO OIL COMPANY,**

Box 550, Huntington Beach, Cal. (2 wells, Orange County.)

**\*SIMMONS OIL, INCORPORATED,**

612 S. Flower St., Rm. 729, Los Angeles 17, Cal. (25 wells, Los Angeles County.)

**SIRAVO, WALTER,**

Wilsons Rd., Box 208, Lancaster, Cal.

**\*SKIDMORE, I. A.,**

Care W. W. Bush, 2160 Magnolia, Long Beach 6, Cal. (1 well, Los Angeles County.)

**\*SKINNER, J. K.,**

Box 902, Atascadero, Cal. (1 well, Kern County.)

**\*SKINNER, LOUIS V., AND C. L. BEST,**

821 San Fernando Rd., Newhall, Cal. (1 well, Los Angeles County.)

**SKINNER, L. V., TOM CORWIN AND FRED BECK (Joint Venture),**

Care L. V. Skinner, 247½ N. Virginia, Reno, Nev. (Well, Los Angeles County, idle.)

**\*SLOSSON, O. M.,**

1145 E. Burnett St., Long Beach 6, Cal. (13 wells, Kern County; 18 wells, Los Angeles County; well, Ventura County, transferred to Bolsa Chica Oil Corp., December 13, 1950.)

**SMITH, GEO. W.,**

1145 Diamond St., South Pasadena, Cal. (Well, Los Angeles County, idle.)

**\*SMITH, J. A.,**

417 S. Hill St., Rm. 1020, Los Angeles 13, Cal. (3 wells, Los Angeles County; well, Kern County, abandoned.)

**\*SMITH, J. K.**

452 Haberfelde Bldg., Bakersfield, Cal. (37 wells, Kern County.)

**\*SMITH, LON V.,**

542 S. Lorraine Blvd., Los Angeles 5, Cal. (2 wells, Kern County.)

**\*SMITH, RAY, OIL COMPANY (Ray Smith, operating as),**

406 S. B St., Oxnard, Cal. (6 wells, Los Angeles County.)

**\*SMITH, S. V.,**

5572 Dairy Ave., Long Beach 5, Cal. (1 well, Orange County.)

**SNELL DRILLING COMPANY (F. M. Snell, operating as),**

2512 Berkeley Ave., San Bernardino, Cal. (Well, San Diego County, abandoned.)

**\*SNOOK AND WELLS, INCORPORATED,**

Box 848, Maricopa, Cal. (29 wells, Kern County.)

- SNYDER & HOFF (Partnership),**  
Box 350, 267 S. Thomas St., Pomona, Cal.
- SNYDER, NICHOLAS G.,**  
611 E. 92d St., Los Angeles 2, Cal.  
(Well Orange County, idle.)
- SNYDER, PAUL L.,**  
Box 350, Pomona, Cal. (Well, Humboldt County, abandoned.)
- \*SODERBERG, D. A.,**  
257 S. Spring St., Rm. 442, Los Angeles 12, Cal. (2 wells, Orange County.)
- SO HI COMPANY (Partnership),**  
12625 S. Main, Los Angeles 15, Cal.  
(Well, Kern County, transferred to McCreary and Walton, July 1, 1950.)
- SO HI OIL COMPANY (Partnership),**  
12625 S. Main St., Los Angeles 15, Cal.  
(Well, Kern County, abandoned.)
- SOLAR OIL COMPANY, INC.,**  
325 W. Eighth St., Rm. 712, Los Angeles 14, Cal.
- SOLEMINT PETROLEUM CORPORATION,**  
417 S. Hill St., Rm. 579, Los Angeles 13, Cal.
- SOMAVIA, RAMON,**  
Care McLaren, Goode and Co., 210 W. Seventh St., Los Angeles 14, Cal.  
(Wells, Los Angeles County, transferred to Ramon Somavia, Petroleum Account, January 1, 1950.)
- \*SOMAVIA, RAMON, PETROLEUM ACCOUNT (Individual),**  
Care McLaren, Goode, West & Co., 210 W. Seventh St., Los Angeles 14, Cal.  
(6 wells, Los Angeles County.)
- \*SOMMER, H. C.,**  
2399 Norton Ave., Lynwood, Cal. (Well, Los Angeles County, transferred to M. K. Doumani, June 12, 1950.)
- \*SONWELL OIL COMPANY,**  
1145 E. Burnett St., Long Beach 6, Cal. (4 wells, Los Angeles County.)
- \*SOUND PETROLEUM INCORPORATED,**  
458 S. Spring St., Rm. 730, Los Angeles 14, Cal. (3 wells, Los Angeles County.)
- SOUTH BELRIDGE OIL COMPANY,**  
Care F. W. Bahl, 215 W. Seventh St., Suite 1212, Los Angeles 14, Cal.  
(Wells, Kern County, transferred to Young Brothers, November 10, 1950.)
- SOUTHBELL OIL COMPANY (Partnership),**  
Box 1664, Bakersfield, Cal. (Well, Kern County, abandoned.)
- \*SOUTH CERRITOS OIL COMPANY,**  
113 El Tejon Ave., Oildale, Cal. (4 wells, Kern County.)
- SOUTHERN BELLE OIL COMPANY (Limited Partnership: Virgil H. Spohnhauer, General Partner),**  
Care Virgil H. Spohnhauer, 215 W. Camilla, Whittier, Cal. (Well, Orange County, idle.)
- \*SOUTHERN CALIFORNIA DRILLING COMPANY (Richard Wuerer, operating as),**  
Box 352, Huntington Beach, Cal. (4 wells, Orange County.)
- SOUTHERN CALIFORNIA GAS COMPANY,**  
810 S. Flower St., Los Angeles 17, Cal.  
(1 dry gas well, Kern County.)
- SOUTHERN CALIFORNIA PETROLEUM COMPANY,**  
523 W. Sixth St., Rm. 810, Los Angeles 14, Cal. (Well, Los Angeles County, idle.)
- \*SOUTHERN CALIFORNIA PETROLEUM CORPORATION,**  
612 S. Flower St., Los Angeles 17, Cal.  
(11 wells, Los Angeles County; 11 wells, Ventura County; 9 wells, San Luis Obispo County.)
- SOUTHERN CALIFORNIA PETROLEUM CORPORATION, OPERATOR (Joint Venture),**  
612 S. Flower St., Los Angeles 17, Cal.  
(Well, Los Angeles County, transferred to Trigold Oil Co., February 17, 1950.)
- \*SOUTHWEST EXPLORATION COMPANY,**  
Box 191, Huntington Beach, Cal. (262 wells, Orange County.)
- SPEIER, G. L., COMPANY,**  
942 G St., Arcata, Cal. (Well, Humboldt County, abandoned.)
- \*SPELLACY & LAW, INC.,**  
Box 695, Maricopa, Cal. (29 wells, Kern County.)
- \*SPINEL OIL COMPANY,**  
3090 California Ave., Long Beach 7, Cal. (2 wells, Los Angeles County.)
- \*SPITFIRE OIL COMPANY,**  
727 N. Newlin Ave., Whittier, Cal. (2 wells, Orange County.)
- \*SQUARE OIL COMPANY,**  
946 N. Figueroa St., Los Angeles 12, Cal. (7 wells, Los Angeles County.)
- STAFFORD, GUY N.,**  
839½ W. 83d St., Los Angeles 44, Cal.
- STAFFORD-LEWIS, CARLA,**  
436 S. Hudson, Los Angeles 5, Cal.  
(Well, Kern County, abandoned.)
- \*STAHL, JOHN M.,**  
8943 Wilshire Blvd., Beverly Hills, Cal.  
(1 well, Los Angeles County.)
- STAL-CLIFF OIL COMPANY (Partnership),**  
19444 Norwalk Blvd., Artesia, Cal.  
(Wells, Kern County, idle.)
- \*STANDARD OIL COMPANY OF CALIFORNIA,**  
225 Bush St., San Francisco 20, Cal. (3 gas wells, Butte County; 7 gas wells, Contra Costa County; 858 wells, Fresno County; 2310 oil wells, 24 gas wells, Kern County; 143 oil wells, 3 gas wells, Kings County; 996 wells, Los Angeles County; 693 wells, Orange County; 32 gas wells, Sacramento County; 14 gas wells, San Joaquin County; 31 oil wells, 2 dry gas wells, Santa Barbara County; 26 gas wells, Solano County; 1 gas well, Stanislaus County; 12 gas wells, Tulare County; 9 wells, Ventura County; 4 gas wells, Yolo County; total wells, 5168.)

**\*STANDARD OIL COMPANY OF CALIFORNIA, OPERATOR,**  
225 Bush St., San Francisco 20, Cal.  
(63 wells, Fresno County; 269 wells, Kern County.)

**\*STANSBURY, INC.,**  
4311 Rosedale Hwy., Bakersfield, Cal.  
(Well, Kern County, abandoned.)

**\*STANTON OIL COMPANY (Edward L. Stanton and Evelyn C. Stanton, operating as),**  
2780 St. Louis Ave., Long Beach 6, Cal.  
(18 wells, Los Angeles County; 2 wells, Orange County.)

**STAR OIL COMPANY,**  
609 W. Washington Blvd., Los Angeles 15, Cal. (Wells, Kern County, abandoned.)

**\*STEELE PETROLEUM COMPANY (Copartnership),**  
546 W. Madison St., Phoenix, Ariz. (33 wells, Kern County; well, Tulare County, abandoned.)

**\*STEINER, FRED, PET. COMPANY (Fred Steiner, operating as),**  
3325 Atlantic Ave., Long Beach 7, Cal.  
(1 well, Los Angeles County.)

**\*STEPHENS PETROLEUM COMPANY (R. M. Stephens, operating as),**  
3015 Cherry Ave., Long Beach 7, Cal.  
(3 wells, Kern County.)

**STEWART, D. D.,**  
Care Edwin S. Shattuck, 523 W. Sixth St., Los Angeles 13, Cal.

**\*STOCK, PAUL,**  
523 W. Sixth St., Rm. 1126, Los Angeles 14, Cal. (1 well, Los Angeles County.)

**\*STREETER & ROYDEN (Not incorporated),**  
3206 W. 18th St., Los Angeles 6, Cal. (Wells, Kern County, transferred to H. N. Royden & Associates, August 1, 1950.)

**STRONG, FRANK R.,**  
2700 W. Third St., Suite 202, Los Angeles 5, Cal. (Wells, Kern County, transferred to Estate of Frank R. Strong, April 15, 1950.)

**STRONG, FRANK R., ESTATE OF,**  
2700 W. Third St., Suite 202, Los Angeles 5, Cal. (Wells, Kern County, idle.)

**\*SUDDUTH, C. F.,**  
2700 Atlantic Blvd., Long Beach 6, Cal.  
(7 wells, Los Angeles County.)

**SULPHUR SPRINGS OIL CORPORATION,**  
7785 W. San Fernando Blvd., Roscoe, Cal.

**\*SUNCOAST OIL COMPANY, LTD. (Partnership),**  
802 W. 123d St., Los Angeles 44, Cal.  
(1 well, Los Angeles County.)

**\*SUNRAY OIL CORPORATION,**  
714 W. Olympic Blvd., Rm. 342, Los Angeles 15, Cal. (40 wells, Fresno County; 95 wells, Kern County; 136 wells, Los Angeles County; 85 wells, Santa Barbara County; total wells, 356; wells, Orange County, abandoned.)

**SUNSET DOHENY CORPORATION**  
7241 Forbes Ave., Van Nuys, Cal. (Well, Los Angeles County, transferred to R. B. Mitchell & Co., June 22, 1950.)

**\*SUNSET OIL COMPANY,**  
530 W. Sixth St., Los Angeles 14, Cal.  
(12 wells, Kern County; 23 wells, Los Angeles County; 2 wells, Orange County.)

**SUNSET OIL COMPANY-WESTATES PETROLEUM CORPORATION,**  
208 W. Eighth St., Los Angeles 14, Cal. (Wells, Los Angeles County, transferred to Westates Petroleum Corp., January 1, 1950.)

**SUNSHINE OIL COMPANY,**  
Box 150, Compton, Cal.

**SUN VALLEY OIL COMPANY, INC.**  
1737 Camden Ave., West Los Angeles 25, Cal. (Well, Los Angeles County, abandoned.)

**\*SUPERIOR OIL COMPANY, THE,**  
930 Edison Bldg., Los Angeles 17, Cal.  
(1 gas well, Butte County; 12 wells, Fresno County; 3 gas wells, Glenn County; 89 wells, Kern County; 92 wells, Los Angeles County; 2 wells, Monterey County; 10 wells, Orange County; 5 gas wells, Sacramento County; 2 wells, San Luis Obispo County; 17 wells, Santa Barbara County; 8 gas wells, Tehama County; 12 wells, Ventura County; 1 gas well, Yolo County, total wells, 254.)

**\*SUPERIOR OIL COMPANY, OPERATOR, THE,**  
Edison Bldg., 601 W. Fifth St., Los Angeles 17, Cal. (100 Wells, Kern County.)

**\*SUPLIN, MRS. IDA,**  
1965 N. Van Ness Ave., Los Angeles 28, Cal. (1 well, Los Angeles County.)

**\*SUPREME OIL COMPANY (Copartnership: Mildred Redman and Ruth E. Siegel, operating as),**  
218 N. Palm Dr., Beverly Hills, Cal. (2 wells, Los Angeles County.)

**\*SURF ASSOCIATES, INC.,**  
Box 550, Huntington Beach, Cal. (1 well, Orange County.)

**\*SURF OIL COMPANY (Partnership),**  
209 W. Ventral Ave., La Habra, Cal.  
(2 wells, Ventura County.)

**\*SURFLAND OIL COMPANY (John Schumacher, operating as),**  
424 S. Beverly Dr., Beverly Hills, Cal.  
(6 wells, Orange County.)

**\*SURPRISE OIL COMPANY (Copartnership),**  
111 Sutter St., Rm. 1706, San Francisco 4, Cal. (11 wells, Kern County.)

**\*SWARTZBAUGH, J. O.,**  
Care C. W. Young, Attorney, Box 122, Huntington Beach, Cal. (1 well, Orange County.)

**SWEET PETROLEUM DEVELOPMENT COMPANY,**  
706 N. Main St., Los Angeles 12, Cal.

- T. & E. DRILLING COMPANY (Partnership),**  
210 E. Highland Dr., Bakersfield, Cal.  
(Well, Kern County, abandoned.)
- \*T. & F. OIL COMPANY (Partnership),**  
1412 E. Wardlow Rd., Long Beach 7,  
Cal. (7 wells, Los Angeles County.)
- T-K-P OIL COMPANY,**  
617 Truxtun Ave., Bakersfield, Cal.  
(Well, Kern County, idle.)
- \*T & M EXPLORATION COMPANY (Partnership),**  
Box 445, Santa Fe Springs, Cal. (1 well,  
Los Angeles County; well, Kern  
County, abandoned.)
- \*T. & T. OIL COMPANY (Copartnership: Walter N. Thompson and Horace W. Thompson, operating as),**  
Box 445, 12326 Lakeland Rd., Santa Fe  
Springs, -Cal. (12 wells, Orange  
County.)
- \*TW DRILLING COMPANY, INC.,**  
2747 Cherry Ave., Long Beach 6, Cal.  
(3 wells, Los Angeles County.)
- \*TAFT INVESTMENT COMPANY,**  
Bin 22, Taft, Cal. (1 well, Kern  
County.)
- TANKSLEY & SOUTHARD (Copartnership: Chas. D. Tanksley and M. W. Southard, operating as),**  
2122 E. Wardlow Rd., Long Beach, Cal.
- \*TANNEHILL OIL COMPANY,**  
453 S. Spring St., Rm. 1129, Los Angeles  
13, Cal. (36 wells, Kern County.)
- \*TARRANT, L. O.,**  
3202 McKinney Ave., Houston 3, Tex.  
(1 well, Kern County.)
- \*TAYLOR & ASSOCIATES,**  
1469 E. 29th St., Long Beach 7, Cal.  
(2 wells, Los Angeles County.)
- TAYLOR, E. D., COMPANY (E. D. Taylor, operating as),**  
216 E. Beverly Blvd., Montebello, Cal.  
(Well, Los Angeles County, abandoned.)
- \*TAYLOR OIL COMPANY (Partnership: J. O. Speits and B. E. Cockriel, operating as),**  
845 E. Willow St., Long Beach 6, Cal.  
(1 well, Los Angeles County.)
- \*TAYLOR OIL-WELL NO. 2 (Partnership: B. E. Cockriel and J. O. Speits, operating as),**  
845 E. Willow St., Long Beach 6, Cal.  
(1 well, Los Angeles County.)
- TEJON BASIN OIL COMPANY,**  
750 Castelar St., Los Angeles 12, Cal.
- \*TEJON HILLS COMPANY, THE (Copartnership),**  
605 W. Olympic Blvd., Los Angeles 15,  
Cal. (18 wells, Kern County.)
- TEJON SYNDICATE (Partnership),**  
Care W. L. Kumler, 523 W. Sixth St.,  
Los Angeles 14, Cal. (Well, Kern  
County, abandoned.)
- TEN EYCK, FLOYD R.,**  
2649 Orange St., Costa Mesa, Cal. (Well,  
Orange County, idle.)
- \*TERMINAL DRILLING COMPANY,**  
417 S. Hill St., Rm. 720, Los Angeles 13,  
Cal. (3 wells, Los Angeles County;  
wells, Kern County, transferred to  
H. T. Wyatt, May 2, 1950; well, Tulare  
County, abandoned.)
- TERMINAL-McBURNIEY, TERMINAL  
DRILLING COMPANY (Partnership),**  
417 S. Hill St., Los Angeles, 13, Cal.  
(Wells, Los Angeles County, transferred  
to Corinth Petroleum Corp.,  
February 23, 1950.)
- \*TERMO COMPANY, THE,**  
3275 Cherry Ave., Long Beach, Cal. (15  
wells, Los Angeles County; 6 wells,  
Orange County.)
- \*TERRY, GEORGE, DRILLING COMPANY, INC.,**  
2518 N. Allesandro St., Los Angeles 39,  
Cal. (4 wells, Los Angeles County;  
well, Kern County, abandoned.)
- \*TEXAS COMPANY, THE,**  
929 S. Broadway, Los Angeles 15, Cal.  
(142 wells, Fresno County; 5 gas  
wells, Humboldt County; 260 oil wells,  
3 gas wells, Kern County; 240 wells,  
Los Angeles County; 7 gas wells,  
Madera County; 26 wells, Monterey  
County; 63 wells, Orange County; 17  
gas wells, Sacramento County; 258  
wells, Ventura County; 5 gas wells,  
Yolo County; total wells, 1026.)
- \*TEXAS CONSOLIDATED OILS,**  
301 Mercantile Commerce Bldg., Dallas,  
Tex. (1 well, Ventura County; wells,  
Santa Barbara County, idle.)
- \*TEXCAL OIL AND REFINING COMPANY,**  
Box 5627, Metropolitan Station, Los Angeles,  
55, Cal. (Well, Los Angeles  
County, transferred to Pedro Petroleum  
Corp., August 3, 1950.)
- \*THIRD TWIN BELL SYNDICATE,**  
1115 Rives-Strong Bldg., Los Angeles  
15, Cal. (1 well, Los Angeles County.)
- \*THOMAS, ADOLPH,**  
3922 S. Flower Dr., Los Angeles 37,  
Cal. (2 wells, Orange County.)
- \*THOMAS, JACK C.,**  
522 14th St., Huntington Beach, Cal.  
(1 well, Orange County.)
- \*THOMPSON, D. R.,**  
Care Sunset Oil Company, 533 Prospect  
Ave., South Pasadena, Cal. (1 well,  
Los Angeles County.)
- \*THOMPSON, JOE R.,**  
Box 373, Anaheim, Cal. (2 wells, Orange  
County.)
- \*THORNBURY DRILLING COMPANY,**  
437 S. Hill St., Los Angeles 13, Cal.  
(6 wells, San Luis Obispo County; 18  
wells, Santa Barbara County.)
- \*THORNBURY, WM., INC.,**  
437 S. Hill St., Los Angeles 13, Cal.  
(5 wells, Ventura County.)
- \*THREE "D" OIL COMPANY, THE,**  
Care Thos. H. Hood, 100 Lomita St.,  
El Segundo, Cal. (1 well, Los Angeles  
County.)

- 3-J OIL OPERATORS (Partnership),**  
Box 57, Midway City, Cal. (Well,  
Orange County, idle.)
- \*TIDELAND OIL COMPANY,**  
424 S. Beverly Drive, Beverly Hills, Cal.  
(1 well, Los Angeles County.)
- \*TIDE WATER ASSOCIATED OIL  
COMPANY,**  
79 New Montgomery St., San Francisco  
20, Cal. (92 wells, Fresno County;  
1231 oil wells, 3 gas wells, Kern  
County; 2 wells, Kings County; 148  
wells, Los Angeles County; 124 wells,  
Orange County; 23 wells, Santa Bar-  
bara County; 283 wells, Ventura  
County; total wells, 1906.)
- \*TIMBER CANYON OIL COMPANY**  
(Mrs. Della Williams, operating as),  
Care Mrs. Della Williams, Box 268,  
Santa Paula, Cal. (2 wells, Ventura  
County.)
- \*TIMOR OIL CORPORATION,**  
2851 Cherry Ave., Long Beach 6, Cal.  
(4 wells, Orange County.)
- TOP OIL COMPANY (Partnership),**  
906 Baker St., Bakersfield, Cal. (Wells,  
Kern County, idle.)
- \*TOPA-TOPA OIL COMPANY,**  
1040 N. Orange Dr., Los Angeles 38, Cal.  
(1 well, Ventura County.)
- \*TOWER PETROLEUM COMPANY,**  
3201 Pasadena Ave., Long Beach 7, Cal.  
(1 well, Orange County.)
- \*TRACY DRILLING CORPORATION,**  
1212 Broadway, Rm. 438, Oakland 12,  
Cal. (2 gas wells, Solano County.)
- \*TRANSCAL DRILLING COMPANY,**  
9005 Wilshire Blvd., Beverly Hills, Cal.  
(1 well, Los Angeles County.)
- TRANSCAL DRILLING COMPANY AND  
J. BATTISTA CELLA (Partnership),**  
9005 Wilshire Blvd., Beverly Hills, Cal.
- TRANS-OCEANIC OIL CORPORATION,**  
Care David Mdivani, 13154 Sunset  
Blvd., Whitney Ranch, West Los An-  
geles, Cal. (Well, Santa Barbara  
County, abandoned.)
- \*TRICO OIL AND GAS COMPANY,**  
4163 Piedmont Ave., Oakland 11, Cal.  
(60 oil wells, 3 gas wells, Kern  
County; 4 gas wells, Kings County;  
1 oil well, 2 gas wells, Sonoma  
County; 29 gas wells, Tulare County;  
total wells, 99.)
- \*TRIGOOD OIL COMPANY (Partner-  
ship),**  
125 S. Ash St., Box 1689, Casper, Wyo.  
(2 wells, Los Angeles County.)
- \*TRIMBLE, S. M.,**  
Box 549, Huntington Beach, Cal. (1  
well, Orange County.)
- \*TRINITY OIL CORPORATION, LTD.,**  
3275 Cherry Ave., Long Beach 7, Cal.  
(4 wells, Los Angeles County.)
- \*TRIPLEX OIL COMPANY (Limited  
Partnership),**  
Care H. A. Brockamp, Gen. Mgr., 1856  
N. Vista, Los Angeles 46, Cal. (50  
wells, Kern County.)
- TRITEX OIL COMPANY**  
Care Frank P. Barton, 530 W. Sixth St.,  
Rm. 612, Los Angeles 14, Cal.
- TRIUMPH OIL COMPANY**  
Box 1253, Fresno, Cal.
- TROUTT OIL COMPANY (Partnership),**  
1929 Rose Marie Dr., Bakersfield, Cal.
- TROWER, CHADWICK G.-PATRICIA  
P. TROWER (Partnership),**  
18700 Wells Dr., Tarzana, Cal. (Well,  
Los Angeles County, abandoned.)
- \*TRUST OIL COMPANY,**  
2600 Washington Blvd., Venice, Cal. (2  
wells, Los Angeles County.)
- \*TUCKER AND WITHERS (Elizabeth  
Tucker and George C. Withers, oper-  
ating as),**  
Care E. P. Timpke, 10309 Atlantic Ave.,  
South Gate, Cal. (3 wells, Los An-  
geles County.)
- TUGA PETROLEUM COMPANY,**  
849 S. Normandie, Los Angeles 5, Cal.  
(Well, Los Angeles County, idle.)
- \*TULARE-TORRANCE OIL COMPANY,**  
Care A. G. Rose, Secretary, Box 1099,  
Tulare, Cal. (1 well, Los Angeles  
County.)
- \*TUNSTALL, BOE, COMPANY (Part-  
nership),**  
Box 229, Huntington Beach, Cal. (3  
wells, Orange County.)
- \*TURF OIL COMPANY,**  
Box 369, Inglewood, Cal. (2 wells, Los  
Angeles County.)
- \*TURNER OIL COMPANY,**  
602 Hillstreet Bldg., Los Angeles 14,  
Cal. (2 wells, Ventura County.)
- \*TURNER PETROLEUM COMPANY**  
(Not incorporated),  
1412 E. Wardlow Rd., Long Beach 7,  
Cal. (4 wells, Los Angeles County.)
- \*TWENTIETH CENTURY COMPANY**  
(Limited Partnership),  
424 S. Beverly Dr., Beverly Hills, Cal.  
(Wells, Los Angeles County, trans-  
ferred to Twentieth Century Oil Co.,  
September 1, 1950.)
- \*TWENTIETH CENTURY CO. NO. 2**  
(Limited Partnership),  
424 S. Beverly Dr., Beverly Hills, Cal.  
(Well, Los Angeles County, trans-  
ferred to Twentieth Century Oil Co.,  
September 1, 1950.)
- \*TWENTIETH CENTURY OIL COM-  
PANY,**  
424 S. Beverly Dr., Beverly Hills, Cal.  
(6 wells, Los Angeles County.)
- TWENTY WELLS, INC.**  
5734 Sunset Blvd., Hollywood 28, Cal.  
(Wells, Fresno County, transferred  
to La Tierra Oil Co., April 22, 1950.)
- \*TWIN OIL COMPANY (Partnership;  
J. O. Spelts and Francis J. Gordon,  
operating as),**  
845 E. Willow St., Long Beach 6, Cal.  
(2 wells, Los Angeles County.)



- \*U. S. ROYALTY OIL CORPORATION,**  
112 W. Ninth St., Rm. 815, Los Angeles  
17, Cal. (11 wells, Los Angeles  
County.)
- \*UNION OIL COMPANY OF CALIFOR-  
NIA,**  
Union Oil Bldg., Los Angeles 17, Cal.  
(6 wells, Fresno County; 214 wells,  
Kern County; 600 wells, Los Angeles  
County; 342 wells, Orange County;  
733 wells, Santa Barbara County; 179  
wells, Ventura County; total wells,  
2,074.)
- \*UNION PACIFIC RAILROAD COM-  
PANY,**  
422 W. Sixth St., Los Angeles 14, Cal.  
(671 wells, Los Angeles County.)
- \*UNIT OPERATION NAVAL PETRO-  
LEUM RESERVE NO. 1, STAND-  
ARD OIL COMPANY OF CALIFOR-  
NIA, OPERATOR,**  
Care Standard Oil Co. of California, 225  
Bush St., San Francisco 20, Cal. (746  
oil wells, 6 gas wells, Kern County.)
- UNITED EXPLORATION COMPANY  
OF CALIFORNIA**  
1509 18th St., Bakersfield, Cal.
- UNITED OIL COMPANY (Partnership),**  
410 Brower Bldg., Bakersfield, Cal.
- \*UNIVERSAL CONSOLIDATED OIL  
COMPANY,**  
417 S. Hill St., Los Angeles 13, Cal. (28  
wells, Fresno County; 161 wells, Kern  
County; 29 wells, Los Angeles  
County; 11 wells, Ventura County;  
total wells, 229; well, Santa Barbara  
County, abandoned.)
- URICH, GEORGE R.,**  
812 S. Greenleaf Ave., Whittier, Cal.
- \*UTAH OIL & DRILLING COMPANY,**  
2760 Long Beach Blvd., Long Beach 6,  
Cal. (2 wells, Los Angeles County.)
- V O D OIL COMPANY, INC.,**  
Box 357, Vista, Cal.
- \*VANGUARD OIL COMPANY,**  
4163 Piedmont Ave., Oakland 11, Cal.  
(14 wells, Kern County.)
- \*VEDDER, DWIGHT G.,**  
811 W. Seventh St., Los Angeles 17,  
Cal. (1 well, Kern County.)
- \*VEDDER, DWIGHT G., AND E. A.  
PARKFORD (Copartnership),**  
811 W. Seventh St., Los Angeles 17,  
Cal. (28 wells, Kern County.)
- \*VEDDER PETROLEUM CORPORA-  
TION, LTD.,**  
4163 Piedmont, Oakland 11, Cal. (12  
wells, Kern County.)
- \*VEE BAR OIL COMPANY (Nelson B.  
Cramer, operating as),**  
2831 E. Ocean Blvd., Long Beach 3, Cal.  
(1 well, Los Angeles County.)
- \*VENTURA OIL COMPANY,**  
714 W. Olympic Blvd., Los Angeles 15,  
Cal. (2 wells, Kern County.)
- \*VENTURE OIL COMPANY,**  
Box 324, Huntington Beach, Cal. (2  
wells, Orange County.)
- VERNCO OIL COMPANY, THE (Not  
incorporated),**  
2785 Cherry Ave., Long Beach 6, Cal.  
(Well, Los Angeles County, idle.)
- \*VESTA PETROLEUM COMPANY,  
LTD.,**  
106 W. Third St., Rm. 621, Los Angeles  
13, Cal. (6 wells, Los Angeles  
County.)
- \*VICTORY OIL COMPANY,**  
816 E. Wardlow Rd., Long Beach 7, Cal.  
(58 wells, Kern County; 13 wells, Los  
Angeles County; 3 wells, Ventura  
County.)
- VINETZ, BENJAMIN WARREN,**  
608 S. Hill St., Los Angeles 14, Cal.
- \*VIRGINIA DARE OIL COMPANY**  
845 E. Willow St., Long Beach 6, Cal.  
(4 wells, Los Angeles County.)
- \*VIRGINIA OIL & LAND COMPANY,**  
Box 706, Bakersfield, Cal. (66 wells,  
Kern County.)
- \*VI-ROI OIL COMPANY (Partnership),**  
15008 Halldale Ave., Gardena, Cal. (4  
wells, Los Angeles County.)
- \*VOLUNTEER PETROLEUM COM-  
PANY (Limited Partnership),**  
4354 W. Third St., Los Angeles 5, Cal.  
(15 wells, Ventura County.)
- \*VON BREYMAN, EUGENE MILLER**  
Granite Station, Posey Star Route,  
Bakersfield, Cal. (3 wells, Kern  
County.)
- \*VON GLAHN, ELMER C.,**  
Box 325, Corcoran, Cal. (Wells, Fresno  
County, idle; well, Kern County,  
transferred to Robert B. Doe, July 1,  
1950.)
- \*VON GLAHN OIL COMPANY, INC.**  
Box 325, Corcoran, Cal. (1 well, Fresno  
County; 10 wells, Kern County; well,  
Madera County, abandoned.)
- \*W. K. COMPANY,**  
1241 E. Burnett St., Long Beach 6, Cal.  
(3 wells, Los Angeles County; 1 well,  
Orange County.)
- \*W. M. & M. OIL COMPANY, THE,**  
Box 286, Coalinga, Cal. (26 wells,  
Fresno County.)
- \*W. T. AND M. COMPANY,**  
Box 34, Bakersfield, Cal. (6 wells, Kern  
County.)
- WALKER, F. G., OPERATOR,**  
154 S. Crescent Heights Blvd., Los An-  
geles 48, Cal.
- WALKER PRODUCTION COMPANY,**  
Rt. 1, Box 157, Huntington Beach, Cal.  
(Well, Orange County, transferred to  
Miller and Ford, October 4, 1950.)
- WA-ME-CO DRILLING COMPANY,**  
Care C. H. Chamberlin, 1126 Slater St.,  
Santa Rosa, Cal. (Well, Kern County,  
abandoned; well, Solano County,  
transferred to Wallace H. Easley,  
December 29, 1950.)
- \*WARD OIL COMPANY,**  
1004 Security Bank Bldg., Fresno 1, Cal.  
(10 wells, Fresno County.)



- WARD, STEPHEN C.,**  
Box 318, Avenal, Cal.
- WATERS, J. A., COMPANY (Partnership),**  
719 Hagar St., San Fernando, Cal.
- \*WATKINS-CHAPRO OIL OPERATIONS (Partnership),**  
3516 Atlantic Ave., Long Beach 7, Cal.  
(1 well, Los Angeles County.)
- \*WATKINS AND DOLLEY, OPERATORS (Partnership),**  
810 Pacific Mutual Bldg., Los Angeles 14, Cal. (4 wells, Los Angeles County.)
- \*WATKINS AND HORTON, INC.,**  
3516 Atlantic Ave., Long Beach 7, Cal.  
(Wells, Los Angeles County, transferred to H. H. & W. Oil Co., December 31, 1950.)
- \*WATKINS, R. B.,**  
3516 Atlantic Ave., Long Beach 7, Cal.  
(2 wells, Los Angeles County; well, Ventura County, abandoned.)
- \*WATKINS AND RECKNAGEL (Partnership),**  
3516 Atlantic Ave., Long Beach 7, Cal.  
(2 wells, Los Angeles County.)
- \*WATMAC OIL COMPANY (Partnership),**  
3516 Atlantic Ave., Long Beach 7, Cal.  
(2 wells, Los Angeles County.)
- \*WATTENBARGER, DOYLE,**  
1020 Doyle Ave., Oildale, Cal. (1 well, Kern County.)
- \*WATTENBARGER, ROY,**  
2202 Bedford Way, Bakersfield, Cal.  
(4 wells, Kern County.)
- \*WATTENBARGER, ROY J., AND DOYLE WATTENBARGER (Partnership),**  
2202 Bedford Way, Bakersfield, Cal.  
(Wells, Fresno County, transferred to Finley Co., November 16, 1950.)
- \*WEAVER, D. W.,**  
12472 Magnolia, Garden Grove, Cal.  
(3 wells, Orange County.)
- \*WEBER BUTLER OIL COMPANY,**  
2187 Atlantic Ave., Long Beach 6, Cal.  
(3 wells, Los Angeles County.)
- WELLER, CARL W.,**  
Rt. 1, Box 246, Coalinga, Cal. (Well, Kern County, transferred to H. L. Whiston, August 9, 1950.)
- WELLER, RAYMOND D.,**  
6341 Newell St., Huntington Park, Cal.
- WELSH, C. A.,**  
Care R. R. House, 2324 Maine Ave., Long Beach 6, Cal.
- \*WERTALLA, HENRY,**  
Box 282, Torrance, Cal. (1 well, Los Angeles County.)
- \*WESCO OIL COMPANY,**  
Box 225, Santa Maria, Cal. (2 wells, Santa Barbara County.)
- \*WEST AMERICAN OIL COMPANY,**  
1241 E. Burnett St., Long Beach 6, Cal.  
(2 wells, Los Angeles County; 9 wells, Orange County.)
- \*WEST, CHARLES W.,**  
10589 Butterfield Rd., Los Angeles 64, Cal. (2 wells, Ventura County.)
- \*WEST CRUDE OIL COMPANY (Not Incorporated),**  
4310 Mt. Hood Dr., Bakersfield Cal.  
(54 wells, Kern County.)
- \*WEST, L. B.,**  
3117 S. Main St., Los Angeles 7, Cal.  
(1 well, Los Angeles County.)
- \*WEST, SADIE,**  
Box 83, Santa Maria, Cal. (5 wells, Santa Barbara County.)
- \*WEST SHORE PETROLEUM COMPANY,**  
3275 Cherry Ave., Long Beach 7, Cal.  
(1 well, Orange County.)
- \*WESTATES PETROLEUM CORPORATION,**  
391 Sutter St., San Francisco 8, Cal.  
(113 wells, Fresno County; 53 wells, Kern County; 34 wells, Los Angeles County; total wells, 200.)
- \*WESTERN EMPIRE PETROLEUM COMPANY,**  
Care F. W. Bahl, 215 W. Seventh St., Rm. 1212, Los Angeles 14, Cal. (8 wells, Los Angeles County.)
- \*WESTERN GULF OIL COMPANY,**  
417 S. Hill St., Rm. 1260, Los Angeles 13, Cal. (1 well, Fresno County; 166 wells, Kern County; 18 wells, Los Angeles County; total wells, 185.)
- \*WESTERN GULF OIL COMPANY, OPERATOR,**  
417 S. Hill St., Rm. 1260, Los Angeles 13, Cal. (94 wells, Kern County.)
- \*WESTERN OIL COMPANY (Partnership),**  
3505 Pierce Rd., Bakersfield, Cal. (1 well, Kern County.)
- WESTERN RESEARCH LABORATORIES, INC.,**  
2360 Midlothian Dr., Altadena, Cal.
- \*WESTERN STATES DRILLING COMPANY,**  
3201 Pasadena Ave., Long Beach 7, Cal. (2 wells, Orange County; well, Los Angeles County, idle.)
- \*WESTGATE-GREENLAND OIL COMPANY,**  
4706 Broadway, Kansas City, Mo.  
California address: 1825 Eldorado St., Long Beach 2, Cal. (14 wells, Los Angeles County.)
- \*WESTKERN OIL CORPORATION,**  
417 S. Hill St., Rm. 1020, Los Angeles 13, Cal. (15 wells, Kern County; 24 wells, Los Angeles County; 8 wells, Orange County; total wells, 47.)
- \*WESTLAKE OIL COMPANY (Partnership),**  
Box 1232, Bakersfield, Cal. (5 wells, Kern County.)
- \*WESTPORT OIL COMPANY,**  
2499 Cerritos Ave., Long Beach 6, Cal.  
(1 well, Los Angeles County.)

- \*WESTWOOD OIL PRODUCERS COMPANY, LTD.** (Dr. Marvel Beem, Trustee),  
11702 Mississippi Ave., Los Angeles 25, Cal. (1 well, Los Angeles County.)
- WHEELER, MERLE W.,**  
838 E. 75th St., Los Angeles 1, Cal. (Well, Santa Cruz County, abandoned.)
- \*WHISTON, H. L.,**  
Box 1648, Bakersfield, Cal. (1 well, Kern County.)
- \*WHITEHILL, RALPH R.,**  
327 Cypress, Bakersfield, Cal. (1 well, Kern County.)
- WHITTAKER, WM. R., COMPANY, LTD.,**  
915 N. Citrus Ave., Los Angeles 38, Cal. (Well, Kern County, abandoned.)
- WHITTIER ASSOCIATES** (Copartnership),  
601 W. Fifth St., Rm. 815, Los Angeles 13, Cal. (Wells, Santa Barbara County, idle.)
- \*WHITTIER, M. H., COMPANY** (Copartnership),  
601 W. Fifth St., Rm. 815, Los Angeles 13, Cal. (74 wells, Fresno County; 119 wells, Kern County; total wells, 193.)
- WIDNEY, H. T., AND G. G. WIDNEY** (Partnership),  
208 S. Mentor Ave., Pasadena, Cal.
- \*WILBUR AND KERSTING** (Copartnership),  
170 E. California St., Pasadena 5, Cal. (Well, Orange County, transferred to V. R. G. Wilbur, May 1, 1950.)
- \*WILBUR, V. R. G.,**  
170 E. California St., Pasadena 5, Cal. (27 wells, Los Angeles County; 6 wells, Orange County; well, Kern County, transferred to A-1 Oil Well Abandonment Co., July 7, 1950.)
- \*WILDER OIL COMPANY,**  
811 W. Seventh St., Rm. 205, Los Angeles 14, Cal. (Wells, Orange County, transferred to Imperial Oil Co., July 1, 1950.)
- \*WILHITE, L. R.,**  
Box 207, Castaic, Cal. (1 well, Kern County.)
- WILLARD, E. T.,**  
985 Mills Bldg., 220 Bush St., San Francisco 4, Cal. (Wells, Sonoma and San Mateo Counties, abandoned.)
- WILLARD, R. D.,**  
Box 218, Newhall, Cal.
- \*WILLETT, P. W.,**  
Box 103, Fall Brook, Cal. (1 well, Los Angeles County.)
- \*WILLHOIT, HAROLD E., AND JOHN D. WILLHOIT** (Partnership),  
326-D American Ave., Long Beach 12, Cal. (3 wells, Orange County.)
- WILLIAMS, FRED L.,**  
Box 2887, Hollywood 28, Cal.
- \*WILLIAMS, RUSSELL L.,**  
Box 7, Summerland, Cal. (8 wells, Santa Barbara County.)
- \*WILLMAX OIL COMPANY,**  
Box 503, Maricopa, Cal. (8 wells, Kern County.)
- \*WILSHIRE OIL COMPANY, INC.,**  
1206 Maple Ave., Los Angeles 15, Cal. (17 wells, Fresno County; 4 wells, Kern County; 9 wells, Los Angeles County; 15 wells, Orange County; 9 wells, Santa Barbara County; total wells, 54; well, Ventura County transferred to Kenneth H. Hunter, February 1, 1950.)
- \*WILSON & WILSON** (Partnership: Jean H. Wilson and George P. Wilson, operating as),  
1668 Chalcedony St., San Diego 9, Cal. (2 wells, Los Angeles County.)
- \*WITHROW, HARRY,**  
Box 552, Fillmore, Cal. (3 wells, Ventura County.)
- WOLFGRAM, ROY JOSEPH,**  
15008 Halldale Ave., Gardena, Cal. (Wells, Los Angeles County, transferred to Vi-Roi Oil Co., January 1, 1950.)
- WONDER OIL CORPORATION,**  
2755 Dawson Ave., Long Beach 6, Cal. (Well, Los Angeles County, abandoned.)
- \*WOOD-CALLAHAN** (Partnership),  
Box 7125, Long Beach 7, Cal. (32 wells, Kern County; 10 wells, Los Angeles County.)
- \*WOOD, J. W., TRUST, LESTER CALLAHAN TRUST,**  
Box 7125, Long Beach 7, Cal. (4 wells, Los Angeles County.)
- \*WOODWARD AND REYNOLDS** (Partnership),  
Box 325, Taft, Cal. (4 wells, Kern County.)
- \*WOODWARD, T. F.,**  
612 S. Flower St., Los Angeles 17, Cal. (2 wells, Santa Barbara County.)
- \*WOODWARD, W. T.,**  
Box 325, Taft, Cal. (4 wells, Kern County.)
- \*WOOLNER OIL CORPORATION, LTD.,**  
2606 Myrtle Ave., Long Beach 6, Cal. (23 wells, Los Angeles County; 6 wells, Orange County.)
- \*WRIGHT, WARREN, AND LEWIS T. LOHMAN,**  
9869 Santa Monica Blvd., Beverly Hills, Cal. (2 wells, Ventura County.)
- \*WYATT, H. T.,**  
422 W. Sixth St., Los Angeles 14, Cal. (Wells, Kern County, abandoned.)
- \*Y. M. K. OIL COMPANY** (Partnership),  
Box 108, Huntington Beach, Cal. (8 wells, Kern County.)

**YANT, M. R.,**  
4213 Victoria Ave., Los Angeles 43, Cal.  
(Well, San Luis Obispo County,  
abandoned.)

**\*YEAGER, A. T.,**  
903 Castaic Dr., Oildale, Cal. (2 wells,  
Kern County.)

**YELLOWSTONE OIL COMPANY,**  
Box 415, Santa Fe Springs, Cal. (Wells,  
Santa Barbara County, abandoned.)

**\*YODER, M. D.,**  
1225 Norumbega Dr., Box 330, Mon-  
rovia, Cal. (1 well, Orange County.)

**\*YORK OIL COMPANY,**  
Box 578, Whittier, Cal. (12 wells, Los  
Angeles County.)

**YOUNG, A. C.,**  
Box 12, Casmalia, Cal.

**\*YOUNG BROS. (Partnership),**  
2698 Dawson Ave., Long Beach 6, Cal.  
(Well, Los Angeles County, trans-  
ferred to Pedro Petroleum Corp.,  
September 29, 1950.)

**\*YUNKER, CHESTER F.,**  
100 E. San Antonio Dr., Long Beach 7,  
Cal. (6 wells, Los Angeles County.)

**\*YUNKER, C. F., E. C. CROMWELL  
AND ASSOCIATES,**  
100 E. San Antonio Dr., Long Beach 7,  
Cal. (1 well, Los Angeles County.)

**\*YUNKER, MORTON AND DOOLEY  
(Partnership),**  
100 E. San Antonio Dr., Long Beach 7,  
Cal. (15 wells, Los Angeles County.)

**\*ZENITH OIL COMPANY,**  
448 S. Hill St., Suite 308, Los Angeles  
13, Cal. (3 wells, Los Angeles  
County.)

**\*ZEPHYR OIL COMPANY,**  
Citizens National Bank Bldg., Wil-  
mington, Cal. (10 wells, Los Angeles  
County.)

**ZILLGITT, CLIFF E.,**  
795 N. Towne Ave., Pomona, Cal.

**\*ZOTTARELLI, JOSEPH F.,**  
3049 Atwater Ave., Los Angeles 26, Cal.  
(1 well, Kern County.)

**\*ZUNI OIL COMPANY,**  
800 N. Fuller Ave., Los Angeles 46, Cal.  
(1 well, Los Angeles County; wells,  
Ventura County, abandoned.)

**\*ZWEITER, SALLY,**  
411 N. Bixel St., Los Angeles 26, Cal.  
(1 well, Los Angeles County.)

